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ABSTRACT

The document is part of a series that reports the findings and accomplishments of the Models for Career Education in Iowa project which was initiated to research, define, and describe an emerging concept of career education and to suggest possible approaches for implementation in a school curriculum. Information about a wide range of available occupations will assist high school teachers in their instructional programs and provide students with an opportunity to explore occupational alternatives in relation to their needs. Occupational information is arranged according to the 15 occupational clusters, each of which contains many jobs, with their own demands for skills, interests, temperaments, and functions. Each occupation listed under a cluster title is classified according to four levels relating to the amount of experience the student is likely to have had of the occupation. Worker function or types of work are provided for each occupation listed according to the classification used in the Dictionary of Occupational Titles. (Author/EC)

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Models for Career Education in Iowa

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SELECTED OCCUPATIONS BY SUBJECT MATTER AND OCCUPATIONAL CLUSTERS FOR USE IN SECONDARY SCHOOLS

CE005189

Iowa a place to grow

Department of Public Instruction

Models for Career Education in Iowa

SELECTED OCCUPATIONS BY SUBJECT MATTER AND OCCUPATIONAL CLUSTERS FOR USE IN SECONDARY SCHOOLS

CONDUCTED UNDER EXEMPLARY GRANTS
from Career Education Division
Department of Public Instruction
Grimes State Office Building
Des Moines, Iowa 50319

Under Supervision of
Iowa State University
College of Education
Department of Agricultural Education
Ames, Iowa 50010

1975

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PREFACE

Career Education - Is it good for kids? -- That's a question that has prompted many of us to search for a greater understanding of the concept and to reassess the types of experiences our educational programs provide. This search is resulting in a growing commitment to assure curriculum objectives and activities that provide career education experiences for all students.

An exemplary project, Models for Career Education in Iowa, was initiated in 1971 thru the Iowa Department of Public Instruction. The purpose of the effort was to research, define and describe an emerging concept of career education and to suggest possible approaches for implementation in grades K-8. In 1972 the project was expanded to include the curriculum of high school students.

The project is sponsored by the Iowa Department of Public Instruction in cooperation with Iowa State University and nine local school districts. The project staff under the direction of Dr. Alan Kahler, Iowa State University, is working with the following local schools: Shenandoah, Humboldt, Davenport, Marshalltown, Carroll, Sheldon, Osceola, South Winneshiek and Springville Community School Districts. The third party evaluation is being provided by the Iowa Center for Research in School Administration under the leadership of Dr. Ralph Van Dusseldorp and Dr. Walter Foley.

A series of workshops were conducted involving participating school staff and outside resource persons with various backgrounds and expertise. These workshops have provided a multi-discipline approach in establishing understanding and agreement of a set of basic objectives of career education. During the summer of 1973, staff from each of the nine districts participated in workshops to prepare first draft curriculum materials for use in the respective school settings during the 1973-1974 school year.

The publications which follow were developed as part of the responsibility of project participants and staff to provide visibility to the findings and accomplishments of the project. These guidelines and instructional materials are provided at this time to assist local school personnel interested in initiating programs, services, and activities for their students.

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Dr. Alan A. Kahler
Darlene Fox

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To the Teacher

No longer is occupational education the sole responsibility of one department or the primary concern of a handful of teachers. The U. S. Office of Education clearly states that it is the responsibility of "every classroom teacher in every course at every level to emphasize, where appropriate, the career implications of the substantive content they seek to teach.....providing more effective job skills while giving meaning and relevance to otherwise abstract academic subject matter. Its goal is to make clear the importance and contribution of such content as preparation for making a living. Hopefully, such an emphasis will provide positive educational motivations that will help make school a meaningful experience for all students."

Adolescence is a period of exploration and preparation for the world of work. It is also a period of exploration of the self and the relationships between self and the world of work. The emphasis shifts from the awareness, accommodation and beginning exploration phases to expanded exploration through in-depth study and preparation for occupational entry. Students study occupational areas that seem to satisfy their interests and aptitudes. It is a period of integration of occupational orientation activities with educational skill development.

Students generally lack experience and information regarding occupations. In fact, the knowledge of alternative occupational choices and their implications is considered a major deficiency of today's youth. Direct knowledge of occupations is both sparse and largely superficial.

It is a goal of public education in America to provide information about a wide range of available occupations and give students an opportunity to explore the alternatives in relation to their own self-awareness. Another objective is to prepare students to qualify for their role in the world of work by providing activities for skill development. This will involve all subject areas within the school.

All teachers can help expand the students' awareness of occupational alternatives and present useful information regarding occupations. Expanding awareness of choices would be unproductive if it were simply a list of unfamiliar names without meaning or content. Such a list would add only confusion and complexity to the situation.

Information is presented in clusters of occupations which may be considered a field or area of work. Each cluster contains many job titles, each with its own demands for skills, interests, temperaments, and functions.

The clusters of occupations are:

Agri-Business and Natural Resources
Business and Office
Communications and Media
Construction
Consumer-Homemaking
Environment
Fine Arts and Humanities
Health
Manufacturing
Marine Science
Marketing and Distribution
Personal Service
Public Service
Recreation and Hospitality
Transportation

Each occupation listed under a cluster title within a subject matter area has been classified by level. The criteria used to establish the four levels were as follows:

Level I lists those occupations in which students can gain experience through part-time work (paid or volunteer) or have direct contact with in daily life. Experiences and contacts should be of such nature that students can become knowledgeable of the worker functions and the skills demanded for occupational proficiency.

Level II lists occupations that directly affect students or their families and that are visible in a service or a product.

Level III lists occupations that affect students indirectly through family or the community. These occupations often provide support services for Level I and II occupations. These occupations lend themselves to field trips for observation of workers using their job skills in meeting the demands of the work environment.

Level IV lists occupations of which the student may be unaware or are only vaguely knowledgeable about. They deal with the more abstract types of work and products.

Worker functions are provided for each occupation listed according to the classification system used in the Dictionary of Occupational Titles. Each occupational cluster includes a wide variety of groupings. For example, the Agri-Business and Natural Resources cluster includes 36 groupings. Some of them are:

Driving, operating
Manipulating
Tending
Handling
Demonstration and sales
Animal care
Vocational education
Supervisory work
Materials analysis
Scientific research
Cropping, animal farming, gardening

Other clusters are equally as rich in variety. A comparison of the various clusters reveals many similarities and also significant differences. The grouping of worker functions in clusters discloses that certain jobs occur in many fields while others are limited to few.

For a number of occupations, worker functions have been listed in the column entitled "Type of Work" in more definitive terms than the broad worker function classification provides. For example, most of the "craftsmanship and related work" classification entries have been given descriptive terms identifying the specific occupation as described in the Dictionary of Occupational Titles. This variance from worker function classifications was adopted to aid the casual reader in comprehending the type of work performed in craftsmanship occupations.

The lists of occupations on the following pages are by no means intended to be complete listings of all occupations within the cluster that could be included in instructional programs suggested for each subject matter area. The user of this publication is encouraged to add to the lists where he or she feels it appropriate to do so. A recommended resource for identifying additional occupations is The Dictionary of Occupational Titles available in your counselor's office or school library.

The occupations listed on the following pages are meant to provide assistance to junior and senior high school teachers as they search for occupations to include in their instructional programs. Specific descriptions of these and other occupations are provided in The Dictionary of Occupational Titles.

AGRICULTURE

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Agricultural aide	III	Technical work, science and related work
Animal caretaker	I	Manipulating
Farm hand	I	Manipulating
Ranch laborer	I	Handling
Game farmer	II	Cropping and animal farming
Animal breeder	II	Cropping and animal farming
General farmer	II	Cropping and animal farming
Meat grader	III	Inspecting and stock checking
Stock ranch foreman/forelady	III	Supervisory work
County agricultural agent	II	Vocational education
Farm management advisor	II	Vocational education
Veterinarian (meat inspector)	III	Appraising and investigating work
Kennel worker	III	Animal care
Biological aid	IV	Technical work, science and related work
Farm manager	IV	Managerial work
Animal nutritionist	IV	Scientific research
Agricultural economist	IV	Social and psychological research
Columnist	IV	Journalism and related work
Entomologist	IV	Scientific research relative to insects
Apiary inspector	III	Appraising and investigating work
Nursery manager	IV	Managerial work
Orchardist	II	Cropping, gardening, etc.
Seed grower	II	Cropping, gardening, etc.
Crop specialty farmer	II	Cropping, gardening, etc.
Grain elevator superintendent	II	Supervisory work
Extension service specialist	II	Vocational education
Feed and farm management advisor	II	Vocational education
Park naturalist	II	Preparation of visuals, lectures about parks

Occupation	Level	Type of Work
Agri-business and Natural Resources continued.		
Seed-cleaner operator	II	Tending
Seed analyst	III	Materials analysis and related work
Grain mill products inspector	III	Inspecting and stock checking
Field checker	III	Routine checking
Feed research aid	III	Technical work, science and related work
Silviculturist	IV	Scientific research pertaining to forests
Forest ecologist	IV	Scientific research
Botanist	IV	Scientific research
Technical publications writer	IV	Technical writing and related work
Grain buyer	IV	Managerial work
Production seed corn manager	IV	Managerial work
Farm equipment operator	I	Driving, operating
Milking machine operator	I	Tending
Baling machine operator	I	Tending
Farm implement sales worker	II	Demonstration and sales
Machinery sales representative	III	Purchasing and sales
Custom feed mill operator	III	Supervisory work
Detasseling crew supervisor	III	Supervisory work
Maintenance machinist	III	Set-up and/or all-around machine operating
Cotton baler	II	Tending
Forest engineer	IV	Engineering and related work
Logging tractor operator	III	Driving, operating
Liquid fertilizer service worker	III	Driving, operating
Airplane pilot helper	III	Handling
Agricultural aid	III	Technical work, science and related work
Irrigation engineer	IV	Engineering research and design
Agricultural engineer	IV	Engineering research and design

AGRICULTURE

Occupation	Level	Type of Work
Agri-business and Natural Resources continued.		
Harvest contractor	II	Purchasing and sales
Agricultural products commission agent	II	Purchasing and sales
Production foreman/forelady	III	Supervisory work
Appraiser	III	Accounting, auditing and related work
Accountant	III	Accounting, auditing, and related work
Feed and farm management advisor	II	Vocational education
Technical service manager	III	Consultative and business services
Sales manager	IV	Administration
Bulk plant manager	IV	Administration
Field agent	IV	Contract negotiating and related work
Agricultural economist	IV	Social science, psychological and related research
MARKETING AND DISTRIBUTION		
Store manager	III	Managerial work
Warehouse manager	III	Managerial work
Market research analyst	IV	Social science and psychological research
Agricultural economist	IV	Social science and psychological research
Field representative	II	Appraising and investigating work
Route sales worker	II	Demonstration and sales
Agricultural products commission agent	III	Purchasing and sales work
Wholesaler	III	Managerial work
Sales manager	IV	Administration
Farm machinery store manager	III	Managerial work
Farm machinery warehouse manager	III	Managerial work
Farm equipment mechanic	III	Maintenance of machinery
Sales-service worker	IV	Promotion and publicity
Equipment firm sales manager	IV	Administration
Sales education director	III	Training services

AGRICULTURE

Occupation	Level	Type of Work
MANUFACTURING		
Manufacturer's representative	III	Purchasing and sales work
Agricultural engineering technician	IV	Technical work, engineering and related work
Manufacturing engineer	IV	Engineering and related work
Market-research analyst	IV	Social science and psychological research
Field service representative	III	Industrial training of personnel
PUBLIC SERVICE		
Vocational agriculture instructor	II	Vocational education
County agricultural agent	II	Vocational education
Public health veterinarian	IV	Medical, veterinary and related services
Livestock inspector	IV	Materials analysis and related work
Park worker	II	Handling
Park naturalist	II	Preparation of visuals, lectures about parks
Secondary school teacher	II	High school instruction
BUSINESS AND OFFICE		
Accountant	IV	Accounting, auditing and related work
Agricultural loan officer	IV	Accounting, auditing and related work
Insurance office manager	IV	Administration
Special insurance agent	IV	Managerial work
PERSONAL SERVICE		
Kennel worker	I	Animal care
Petshop attendant	I	Animal care
Veterinary hospital attendant	I	Animal care
Pets and supplies sales worker	II	Demonstration and sales

AGRICULTURE

Occupation	Level	Type of Work
RECREATION AND HOSPITALITY		
Zoo caretaker	I	Animal care
Aquarist	I	Animal care
Veterinarian	IV	Medical, veterinary, and related services
Head animal keeper	III	Supervisory work
Greenskeeper	III	Supervisory work
Park supervisor	III	Supervisory work
MARINE SCIENCE		
Economic botanist	IV	Scientific research
Scientific helper	IV	Technical work, science and related fields
COMMUNICATIONS AND MEDIA		
Farm editor	IV	Journalism and editorial work
Market news analyst	IV	Journalism and editorial work
Trade or technical publications editor	IV	Journalism and editorial work
ENVIRONMENT		
Animal ecologist	IV	Scientific research
Tree planter	I	Handling
Forest fire fighter	I	Handling
Camp ground caretaker	I	Handling
Scientific photographer	III	Motion picture projecting, photographic machine work
Forester aid	III	Technical work, science and related fields
Agricultural aid	III	Technical work, science and related fields

AGRICULTURE

Occupation	Level	Type of Work
Environment continued.		
Forest engineer	IV	Engineering and related work
Landscape architect	IV	Engineering research and design
Agricultural economist	IV	Social science and psychological research
Weed control supervisor	IV	Managerial work
Farm manager	IV	Managerial work
Plant ecologist	IV	Scientific research
Forester	IV	Scientific research
Plant breeder	IV	Scientific research
Blight control foreman/forelady	III	Supervisory work
Greenskeeper	III	Supervisory work
Horticultural inspector	III	Appraising and investigating work
Plant quarantine inspector	III	Appraising and investigating work
Flower grower	III	Cropping and gardening work
Landscape gardner	III	Cropping and gardening work
Agronomist	IV	Scientific research

ALGEBRA AND GEOMETRY

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Farm implement sales worker	II	Demonstration and sales
Log buyer	II	Purchasing and sales
Commission agent, agri. products	II	Purchasing and sales
Seed grower	II	Cropping, gardening, etc.
Animal breeder	II	Animal farming, cropping, etc.
Quarry foreman/forelady	III	Supervisory work
Park foreman/forelady	III	Supervisory work
Set-up man/lady	III	Set-up and machine adjustment
Maintenance machinist	III	Diagnosis, machine adjustment and repair
Prospector	III	Surveying, prospecting and related work
Food products tester	III	Materials analysis and related work
Seed analyst	III	Materials analysis and related work
Expediter	III	Facilities, services, movement and expediting
Photogrammetrist	IV	Drafting and related work
Map drafter	IV	Drafting and related work
BUSINESS AND OFFICE		
Credit reporter	II	Information gathering and dispensing
Legal secretary	II	Secretarial work
Transcribing operator (supervisor)	III	Supervisory work

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
Business and Office continued.		
Personnel clerk supervisor	III	Supervisory work
Customs clerk	III	Correspondence and related work
Management aid	III	Information gathering, dispensing, etc.
Tape librarian	III	Inspecting and stock checking
Digital computer operator	III	Typesetting, reproducing, etc.
Data processing control clerk	III	Classifying, filing, etc.
Franchise promotion manager	IV	Managerial work
CONSUMER-HOMEMAKING		
Personal shopper	II	Demonstration and sales
Food concession manager	IV	Managerial work
Sanitary inspector	III	Appraising, investigating, etc.
Food controller	III	Computing and related work
Purchasing agent	III	Purchasing and sales
Manufacturer's representative	III	Purchasing and sales work
CONSTRUCTION		
Field cashier	III	Supervisory work
Superintendent of sales	III	Purchasing and sales
Masonry inspector	III	Appraising and investigating work
Highway inspector	III	Appraising and investigating work
Materials lister	III	Computing and related recording
Metal fabricator	III	Fabrication and assembling of structural metal products
Apprentice carpenter	III	Contractual skilled worker training experience
Apprentice plumber	III	Contractual skilled worker training experience
Architectural drafter	III	Drafting and related work

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
Construction continued.		
Landscape drafter	III	Drafting and related work
House builder	III	Craftsmanship in building structures
Land use technician	III	Investigating, protecting and related work
ENVIRONMENT		
Scientific photographer	III	Motion picture projecting, photography, machine work
Radiation monitor	III	Appraising and investigating work
Sanitary inspector	III	Appraising and investigating work
Blight control foreman/forelady	III	Supervisory work
Farm manager	IV	Managerial work
FINE ARTS AND HUMANITIES		
Pottery decorator designer	III	Art work
Display artist	III	Art work
Artist and repertorialist	IV	Managerial work
Apprentice model jewelry maker	III	Contractual skilled worker training schedule
HEALTH		
Central supply supervisor	IV	Managerial work
Chemical and drug sales representative	III	Demonstration and sales
Laboratory assistant (medical)	III	Craftsmanship related to blood testing

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
Health continued.		
Nuclear medical technologist	III	Skilled work with radioactive materials
X-ray equipment tester	III	Testing X-ray equipment
Insurance clerk	II	Information gathering, dispensing, etc.
MARINE SCIENCE		
Marine service manager	II	Managerial work
Marine engine machinist	III	Testing and installation of engines
Electrical technician	IV	Technical work, engineering, etc.
Ferryboat captain	III	Managerial work
Ultrasonic equipment sales representative	II	Demonstration and sales work
Field party geophysical prospecting manager	III	Demonstration and sales work
Electrical instrument repair worker	III	Testing and repair of electrical equipment
MANUFACTURING		
Personnel clerk	II	Information gathering, dispensing, etc.
Patternmaker	III	Preparation of patterns to specifications
Stock control clerk	III	Inspecting and stock checking
Purchasing agent	III	Purchasing and sales work
Production foreman/forelady	III	Supervisory work
Laboratory supervisor	IV	Engineering, scientific and technical coordination

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
MARKETING AND DISTRIBUTION		
Auto repair service sales worker	III	Estimation of repair costs
Television service and repair worker	III	Radio and TV repair and adjustment
Buyer	III	Purchasing and sales work
Fashion coordinator	III	Purchasing and sales work
General sales worker	II	Demonstration and sales work
Art appraiser	II	Appraising and investigating work
Auto appraiser	II	Appraising and investigating work
Store manager	III	Managerial work
Credit clerk	II	Information gathering, dispensing, etc.
Travel accommodation appraiser	III	Investigating, protecting, etc.
MEDIA AND COMMUNICATION		
Sound technician	III	Installation and maintenance of equipment
Radio communication equipment installer	III	Installation of two-way radio systems
Program assistant	III	Scheduling, dispatching, etc.
Production worker	III	Scheduling, dispatching, etc.
Guided missile electronic inspector	III	Testing for compliance to specifications
Telephone service sales representative	II	Demonstration and sales work
Electrical technician	III	Testing and modification of electrical equipment
PERSONAL SERVICE		
Hair stylist	II	Beautician and barber services
Cosmetologist	II	Beautician and barber services
Barber or beauty shop manager	III	Managerial work

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
Personal Service continued.		
Barber and beauty supplies salesperson	III	Demonstration and sales
Purchasing agent	III	Purchasing and sales work
Manufacturer's representative	III	Purchasing and sales work
Electrologist	III	Beautician and barber services
PUBLIC SERVICE		
Revenue agent	IV	Managerial work
Street light service foreman/forelady	III	Supervisory work
Mains and service foreman/forelady	III	Supervisory work
Electric meter installer	III	Installation of electric meters
Designer, highways	III	Drafting and related work
Land use technician	III	Investigating and protecting work
Highway inspector	III	Appraising and investigating work
RECREATION AND HOSPITALITY		
Golf club manager	IV	Managerial work
Director of recreation	IV	Managerial work
Amusement and sporting goods sales worker	II	Demonstration and sales
Marine supplies sales representative	II	Demonstration and sales
Travel counselor	II	Scheduling, dispatching, expediting, etc.

ALGEBRA AND GEOMETRY

Occupation	Level	Type of Work
TRANSPORTATION		
Adjustment clerk	II	Information gathering, dispensing, etc.
Maintenance of equipment supervisor	II	Managerial work
Traffic rate clerk	III	Computing and related recording
Tracer	III	Facilities, services, movement, allocation
Crating and moving estimator	II	Demonstration and sales
Dock supervisor	III	Supervisory work
Additions and betterment clerk	III	Computing and related recording
Road supervisor	III	Supervisory work
Inspector, airplanes	III	Technical work, engineering and related fields
Automobile tester	III	Identification of need for repair
Automobile mechanic	III	Repair of vehicles

ART

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Adult education teacher	II	High school, college, university and related instruction
Park naturalist	II	High school, college, university and related teaching
COMMUNICATIONS AND MEDIA		
Animation camera operator	III	Motion picture projecting, photographic machine work
Art director (motion picture)	IV	Decorating and art work
Art lay-out worker	IV	Art work
Scenic arts supervisor	IV	Decorating and art work
Cover designer	IV	Art work
Graphic artist	IV	Art work
Sketchmaker, photoengraving	III	Craftsmanship in design preparation
Art critic	IV	Creative writing
Art editor	IV	Journalism and editorial work
Letterer	III	Precise painting or drawing of letters
CONSTRUCTION		
Industrial arts instructor	I	High school, college, university and related instruction
Interior designer and decorator	II	Decorating and art work
Landscape gardner	II	Decorating and art work
Architectural modeler	III	Artistic restoration, decorating, and related work
Ornamental iron worker	III	Installation of ironwork
Landscape architect	IV	Engineering research and design
Architect	IV	Engineering research and design

Occupation	Level	Type of Work
CONSUMER-HOMEMAKING		
Bridal consultant	II	Demonstration and sales work
Sewing instructor	II	Demonstration and sales work
Wardrobe specialty worker	II	Preparation of wardrobe accessories
Recreation leader	II	Miscellaneous instruction
Charm course instructor	II	Miscellaneous instruction
Costumer	II	Costuming, tailoring, dressmaking, etc.
Dressmaker	II	Costuming, tailoring, dressmaking, etc.
Extension service specialist (applied art)	II	Vocational instruction
Adult education teacher (clothing)	II	High school, college, university and related instruction
Weaving instructor	II	Industrial instruction
Model builder	III	Precision working
Painter and apprentice decorator	III	Precision working
Clotnes designer	III	Art work
Fashion artist	III	Art work
Assistant buyer (retail)	III	Purchasing and sales work
Piece goods buyer (garment industry)	III	Purchasing and sales work
Fashion coordinator	III	Purchasing and sales work
Cake decorator	III	Decoration of cakes and pastries
Chef de froid (hotel and rest.)	III	Sculpting and decorating of food
Sample maker (jewelry)	III	Creation of sample jewelry articles
Display manager (retail)	III	Decorating and art work
Color consultant	III	Decorating and art work
Occupational therapist	III	Therapeutic and related work
Manual-arts therapist	III	Therapeutic and related work
Fashion columnist	III	Journalism and editorial work
ENVIRONMENT		
Landscape architect	IV	Engineering research and design
Architect	IV	Engineering research and design

Occupation	Level	Type of Work
Environment continued.		
Urban planner	IV	Administration
Public works commissioner	IV	Administration
Landscape gardner	III	Gardening and related work
Park naturalist	II	Preparation of visuals, lectures about parks
Home economist	II	Vocational instruction
Kindergarten teacher	II	Kindergarten, elementary school, and related instruction.
FINE ARTS AND HUMANITIES		
Art teacher	I	Instruction in fine arts, music, theatre, etc.
Artist's model	I	Modeling and related work
Program aid, ground work	II	Miscellaneous instruction
Paintings restorer	III	Artistic restoration, decorating and related work
Museum technician	III	Artistic restoration of specimens
Architectural modeler	III	Preparation of precision models
Stage scenery designer	III	Art work
Recreational therapist	III	Therapeutic and related work
Commercial photographer	III	Photography and motion picture camera work
Historian, dramatic arts	IV	Social science, psychological and related research
Color consultant	III	Decorating and art work
Set decorator	III	Decorating and art work
Floral designer	III	Art work
Sculptor	III	Art work
Sketch portraitist	III	Art work

Occupation	Level	Type of Work
Fine Arts and Humanities continued.		
Art appraiser	IV	Appraising and investigating work
Costumer	III	Costuming, tailoring, dressmaking
Photography colorist	III	Portrait coloring
Mannequin coloring artist	III	Manipulating
Ornamental metal worker helper	III	Manipulating
Art director	III	Decorating and art work
Outside display designer	III	Decorating and art work
Archeological assistant	III	Artistic restoration, decoration, and related work
TRANSPORTATION		
Auto-body design detailer	IV	Drafting and related work
MARKETING AND DISTRIBUTION		
Fashion coordinator	III	Purchasing and sales work
Chainstore buyer	III	Purchasing and sales work
Department manager, ready-to-wear	III	Supervisory work
Importer-exporter	III	Managerial work
Art store manager	III	Managerial work
Window display trimmer	III	Art work
Fashion artist	III	Art work
Advertising lay-out worker	III	Art work
Display manager	III	Decorating and art work
Outside display designer	III	Decorating and art work
Letterer	III	Precise painting or drawing of letters
Poster and design artist	III	Art work
Art appraiser	III	Appraising and investigating work

ART

Occupation	Level	Type of Work
HEALTH		
Industrial arts therapist	II	Therapeutic work activities
Dental ceramist assistant	III	Precision work
Occupational therapist aid	III	Nursing, x-ray and related services
Medical illustrator	III	Art work
MANUFACTURING		
Auto-body designer	III	Drafting and related work
Hand carver (furniture)	III	Carving of furniture parts
Industrial designer	III	Art work
Package designer	III	Art work
Ornamental metalwork designer	III	Art work
Stained glass painter	III	Art work
PUBLIC SERVICE		
Urban planner	IV	Administration
Information specialist (visual)	III	Art work
Art teacher	II	High school, college, university and related instruction
Park naturalist	II	Preparation of visuals, lectures about parks
Museum technician	IV	Artistic restoration of specimens
Museum curator	IV	Administration
Historic sites supervisor	IV	Administration
Art librarian	IV	Managerial work
Audiovisual specialist (education)	III	Planning use of audio-visual materials

Occupation	Level	Type of Work
Public Service continued.		
Mural painter	IV	Art work
Art gallery curator	IV	Administration
Art appraiser	III	Appraising and investigating work
RECREATION AND HOSPITALITY		
Recreation leader	II	Miscellaneous instruction
Travel display attendant	II	Information gathering, dispensing, verifying
Sewing instructor	II	Demonstration and sales
Hobbies and crafts instructor	II	Demonstration and sales
Display artist	III	Art work
Sign designer	III	Art work
Stage scenery designer	III	Art work
Taxidermist	III	Artistic restoration of specimens
Museum technician	III	Artistic restoration of specimens

AUTO MECHANICS

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Farm equipment operator	I	Driving, operating
General farm hand	I	Handling
Machinery sales worker	II	Purchasing and sales
CONSTRUCTION		
Heavy truck driver	III	Driving, operating
Master maintenance mechanic	III	Supervisory work
Bulldozer operator	III	Driving,operating
Engineering equipment mechanic's helper	III	Manipulating
MANUFACTURING		
Automotive engineer	IV	Engineering research and design
Driver-utility worker (auto mfg.)	III	Driving, operating
Mechanical engineering technician	IV	Technical work, engineering and related work
MARINE SCIENCE		
Motorboat mechanic's helper	I	Manipulating
Marine engine machinist	III	Installation and repair of engines
Motorboat mechanic	III	Repair and adjustment of engines
Marine engineer	IV	Engineering research and design

AUTO MECHANICS

Occupation	Level	Type of Work
MARKETING AND DISTRIBUTION		
Transport driver	II	Driving, operating
Automobile appraiser	II	Appraising and investigating work
Shop estimator (auto services)	II	Appraising and investigating work
Route sales worker	II	Demonstration and sales work
Manufacturer's representative (auto)	III	Purchasing and sales work
Auto-repair-service sales worker	III	Estimation of repair costs
Automotive maintenance equipment service worker	III	Maintenance of automotive repair equipment
Automotive sales director	III	Training services
Service management specialist	III	Management analysis
RECREATION AND HOSPITALITY		
Food service driver	I	Driving, operating
Ride operator	I	Miscellaneous customer service
Ride foreman/forelady	III	Supervisory work
Automobile race driver	II	Amusement and entertainment work
TRANSPORTATION		
Motorboat operator	I	Driving, operating
Safety engineer	III	Industrial training
School bus driver	I	Transportation service work
Tow-truck operator	II	Driving, operating
Equipment service supervisor	III	Supervisory work
Automobile service station attendant	I	Miscellaneous customer service

AUTO MECHANICS

Occupation	Level	Type of Work
Transportation continued.		
Automotive service specialist	III	Minor repair and tuneup
Automobile mechanic	III	Repair of vehicles
Motorcycle mechanic	III	Repair of motorcycles
Tractor mechanic	III	Repair of tractors
Chief automobile mechanic	III	Supervisory work
Motor inspection mechanic	III	Inspection and adjustment
Electrical foreman/forelady (auto)	III	Supervisory work
Service manager	III	Managerial work
Shop estimator	III	Appraising and investigating work
Automobile tester	III	Identification of need for repair
Auto mechanic's helper	I	Manipulating
Test driver (auto)	III	Transporting and test driving

BIOLOGICAL SCIENCES

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Plant physiologist	IV	Scientific research
Greenskeeper	I	Driving and operating
Park worker	I	Handling
Orchardist	II	Cropping, gardening, etc.
Seed grower	II	Cropping, gardening, etc.
General farmer	II	Cropping, gardening, animal farming, etc.
Park supervisor	III	Supervisory work
Fish culturist	III	Engineering, scientific and technical coordination
Forest engineer	III	Engineering and related work
County agricultural agent	II	Vocational education
Park naturalist	II	Supervisory and instructive work
Kennel worker	I	Animal care
Biological aid	IV	Technical work, science and related fields
Agricultural aid	IV	Technical work, science and related fields
Production seed corn manager	IV	Managerial work
Forest ecologist	IV	Scientific research
Fishery bacteriologist	IV	Scientific research
Botanist	IV	Scientific research
Soil scientist	IV	Scientific research
Feed research aid	IV	Technical work, science and related fields
CONSTRUCTION		
Soil scientist	IV	Scientific research
Landscape architect	IV	Engineering research and design

BIOLOGICAL SCIENCES

Occupation	Level	Type of Work
Construction continued.		
Site planner	IV	Engineering research and design
Pest control representative	III	Appraising and investigating work
CONSUMER-HOMEMAKING		
Camp counselor	II	Miscellaneous instructive work
Recreation leader	II	Miscellaneous instructive work
Nutritionist	II	Supervisory and instructive work
Home health aide	II	Child and adult care
First-aid attendant	II	Child and adult care
Food and drug inspector	III	Appraising and investigating work
Sanitary inspector	III	Appraising and investigating work
Catering manager	IV	Managerial work
Food service supervisor	IV	Supervisory work (service and related activities
Food bacteriologist	IV	Scientific research
Research nutritionist	IV	Scientific research
Columnist	IV	Journalism and editorial work
ENVIRONMENT		
Plant or animal ecologist	IV	Scientific research
Nursery worker	I	Handling
Home economist	II	Vocational education
Park naturalist	II	Preparation of visuals, lectures about parks
Elementary school teacher	II	Kindergarten, elementary school, and related instruction

BIOLOGICAL SCIENCES

Occupation	Level	Type of Work
Environment continued.		
Forester aid	III	Technical work, sciences and related fields
Biological aid	III	Technical work, sciences and related fields
Blight control foreman/forelady	III	Supervisory work (farming, etc.)
Park foreman/forelady	III	Supervisory work
Safety and sanitary inspector	III	Investigating, protecting and related work
Field health officer	III	Investigating, protecting, and related work
Horticulture inspector	III	Appraising and investigating work
Water wells tester	III	Appraising and investigating work
Flower grower	III	Cropping, gardening, and related work
Landscape gardner	IV	Cropping, gardening, and related work
Food products tester	IV	Materials analysis and related work
Biochemistry technician	IV	Materials analysis and related work
Forest engineer	IV	Engineering and related work
Sewage disposal engineer	IV	Engineering research and design
Sanitary engineer	IV	Engineering research and design
Plant pathologist	IV	Scientific research
Plant breeder	IV	Scientific research
Public health director	IV	Administration
Weed control supervisor	IV	Managerial work
Scientific helper	IV	Technical work, science and related fields
Soil conservationist	IV	Planning soil management

BIOLOGICAL SCIENCES

Occupation	Level	Type of Work
HEALTH		
Nurses aid	I	Child and adult care
Cytotechnologist	III	Materials analysis and related work
Licensed practical nurse	III	Nursing, x-ray, and related services
Surgical technician	III	Nursing, x-ray, and related services
Pharmacy helper	III	Inspecting and stock checking
Nurse instructor	III	Supervisory and instructive work
Chemical and drugs sales representative	III	Demonstration and sales
Medical laboratory assistant	III	Craftsmanship related to blood testing
Orthodontic technician	III	Construction and repair of dental appliances
Geneticist	IV	Scientific research
Anatomist	IV	Scientific research
Pharmacologist	IV	Scientific research
Mycologist	IV	Scientific research
Surgeon	IV	Surgery
General practitioner	IV	Medical, veterinary and related services
Urologist	IV	Medical, veterinary and related services
Public health nursing director	IV	Administration
Field health officer	IV	Managerial work
Medical technician	IV	Engineering, scientific and technical coordination
Histopathologist	III	Materials analysis and related work
Medical bacteriologist	IV	Scientific research
Parmaceutical sales representative	III	Purchasing and sales
X-ray clerk	III	Nursing, x-ray, and related services
Dental assistant	III	Nursing, x-ray, and related services
PERSONAL SERVICE		
Veterinarian	I	Animal care
Kennel worker	I	Animal care

BIOLOGICAL SCIENCES

Occupation	Level	Type of Work
Personal Service continued.		
Blind aid	II	Miscellaneous personal service
Pets and supplies sales worker	II	Demonstration and sales
Scalp specialist	IV	Beautician and barber services
Home health aids coordinator	IV	Supervisory work
Embalmer	III	Preparation of bodies for interment
Dietary consultant	IV	Supervising and instructing work
Therapeutic dietician	IV	Supervising and instructing work
MANUFACTURING		
Laboratory tester	III	Materials analysis and related work
Spectroscopist	III	Materials analysis and related work
Wood technologist	IV	Scientific research
Industrial bacteriologist	IV	Scientific research
Engineering psychologist	IV	Social science, psychological and related research
Industrial health engineer	IV	Materials analysis and related work
Industrial hygieneist	IV	Industrial engineering and related work
Biochemist	IV	Scientific research
Biophysicist	IV	Scientific research
Waste disposal worker	III	Driving and operating
Safety inspector	III	Appraising and investigating work
Industrial bacteriologist	IV	Scientific research
Food processing plant manager	IV	Managerial work
Industrial health engineer	IV	Industrial engineering and related work
Industrial hygienist	IV	Industrial engineering and related work

BIOLOGICAL SCIENCES

Occupation	Level	Type of Work
MARINE SCIENCE		
Hatchery worker	I	Manipulating
Sealer	I	Taking of seals for pelts
Fishing captain	II	Supervisory
Fisheries aid	III	Cropping, animal farming, gardening, etc.
Oceanographer	IV	Scientific research
Biochemist	IV	Scientific research
Protozologist	IV	Scientific research
Economic botanist	IV	Scientific research
Scientific helper	IV	Technical work, science and related fields
Fish culturist	IV	Engineering, scientific and technical coordination
Biological photographer	IV	Motion picture projecting, photographic machine work and related activities
Fish and game warden	IV	Managerial work
Aquatic biologist	IV	Scientific research
PUBLIC SERVICE		
Field health officer	III	Investigating, protecting, and related work
Food and drug inspector	III	Appraising and investigating work
Sanitary inspector	III	Appraising and investigating work
Oceanographer	IV	Scientific research
Food bacteriologist	IV	Scientific research
School psychologist	IV	Guidance and counseling
Sewage disposal engineer	IV	Design and construction of system
Purification plant operator	IV	Water purification
Public health veterinarian	IV	Medical, veterinary and related services
Public health bacteriologist	IV	Materials analysis and related work

Occupation	Level	Type of Work
RECREATION AND HOSPITALITY		
Athletic trainer	I	Physical education
Aquarist	I	Animal care
Zoo caretaker	I	Animal care
Camp counselor	I	Miscellaneous instruction
Park supervisor	III	Supervisory work
Animal keeper	III	Supervisory work
Aquatic biologist	IV	Scientific research
Ornithologist	IV	Scientific research
Museum technician	III	Artistic restoration of specimen
Park naturalist	II	Preparation of visuals, lectures about parks
Veterinarian	IV	Medical, veterinary and related services

BUSINESS AND TRADE MATHEMATICS

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Grain elevator superintendent	III	Supervisory work
Radio dispatcher	III	Facilities, services, movement and expediting
Tracer clerk	III	Facilities, services, movement, and expediting
Yield loss inspector	III	Inspecting and stock checking
Jumpmaster	III	Industrial training
Biological aid	IV	Technical work, sciences and related work
Feed research aid	IV	Technical work, sciences and related work
BUSINESS AND OFFICE		
Food checker	I	Computing and related recording
Insurance reviewer	I	Routine checking and recording
Shipping checker	I	Sorting, inspecting, measuring, etc.
Survey worker	II	Interviewing, information giving, etc.
Trust collection clerk	III	Correspondence and related work
Order detailer	III	Classifying, filing, and related work
Audit machine operator	III	Computing and related recording
CONSTRUCTION		
Truck checker	III	Inspecting and stock checking
House builder	III	Craftsmanship in building structures

BUSINESS AND TRADE MATHEMATICS

Occupation	Level	Type of Work
Construction continued.		
Labor expediter	III	Scheduling, dispatching, etc.
Concreting foreman/forelady	III	Supervisory work
Building insulation carpenter	III	Installation of insulation
Apprentice carpenter	III	Contractual skilled worker training experience
CONSUMER-HOMEMAKING		
Retail sales clerk	II	Customer service work
Yard goods sales worker	II	Demonstration and sales
Demonstrator	II	Demonstration and sales
Upholstery apprentice	III	Contractual skilled worker training experience
Pattern chart writer	III	Pattern instructions, scale drawings
Floor clerk (laundry)	III	Computing and related work
HEALTH		
Optician	III	Preparation of lenses to specifications
Hospital admissions clerk	II	Information gathering, dispensing, etc.
Beveler	III	Precision working
Nurses aid	I	Child and adult care
MANUFACTURING		
Appointment clerk	II	Information gathering, dispensing, etc.
Salvage inspector	III	Inspecting and stock checking
Statistical clerk	III	Computing and related recording

Occupation	Level	Type of Work
Manufacturing continued.		
Temperature control worker	III	Regulation of humidity and temperature for textile production
Glassblower	III	Precision work
Purification operator (chemicals)	III	Operating, controlling
MARINE		
Paleontological helper	IV	Analysis and classification of rock samples
Petroleum chemist helper	IV	Testing materials and care of equipment
MARKETING AND DISTRIBUTION		
Mail order filler	III	Sorting, inspecting, measuring, etc.
Cashier wrapper	II	Cash sales recording, wrap packages
Telephone operator	II	Switchboard service
Sales closer	II	Demonstration and sales
Route sales worker	II	Demonstration and sales
Car rental clerk	II	Customer service
Inventory controller	III	Inspecting and stock checking
Paymaster/payroll director	III	Computing and related recording
Repossessor	II	Payment solicitation
Food service driver	I	Driving, operating
Delivery truck driver	I	Customer service

BUSINESS AND TRADE MATHEMATICS

Occupation	Level	Type of Work
MEDIA AND COMMUNICATION		
Schedule clerk	III	Routine checking and recording
Television cable service sales worker	II	Demonstration and sales
PERSONAL SERVICE		
Pets and supplies sales worker	II	Demonstration and sales
Service establishment attendant	II	Customer service work
Receptionist	II	Information gathering, dispensing, etc.
Sightseeing guide	II	Information gathering, dispensing, verifying
House parent	III	Supervisory work
Room service clerk	II	Miscellaneous customer service
Reducing machine operator	II	Miscellaneous personal service
Baggage porter	II	Miscellaneous personal service
Delivery person	I	Customer service
Personal maid/valet	I	Miscellaneous personal service
PUBLIC SERVICE		
Driver's license examiner	III	Investigating, protecting and related work
RECREATION AND HOSPITALITY		
Sewing, knitting instructor	II	Demonstration and sales
Concession attendant	I	Selling and related work
Vendor	I	Selling and related work

BUSINESS AND TRADE MATHEMATICS

Occupation	Level	Type of Work
Recreation and Hospitality continued.		
Bookmobile driver	II	Information gathering, dispensing, etc.
Clocker	II	Miscellaneous amusement and recreation
Travel clerk	II	Information gathering, dispensing, etc.
Food service driver	I	Driving, operating
Car hop	I	Miscellaneous personal service
Bell hop	I	Miscellaneous personal service
TRANSPORTATION		
Lost and found clerk	II	Information gathering, dispensing, etc.
Storekeeper (deck)	II	Inspecting and stock checking
Interline clerk	III	Computing and related work
Car rental clerk	II	Customer service work
Freight receiving clerk	II	Inspecting and stock checking

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Commission agent	II	Purchasing and sales
Farmer	II	Cropping, animal farming, gardening and related work
Orchardist	II	Cropping, animal farming, gardening and related work
Grain elevator superintendent	II	Supervisory work
Appraiser	II	Estimation of value
Cost accountant	II	Accounting, auditing and related work
County agricultural agent	II	Supervising, administering, etc.
Vocational agriculture teacher	II	High school, college, university and related instruction
Real estate appraiser	II	Estimation of value
Technical service manager	IV	Consultative and business services
Field representative	IV	Consultative and business services
Sales manager	IV	Administration
Research and development director	IV	Administration
Trainee manager	IV	Managerial work
Field contact agent	IV	Contract negotiating and related work
Permit agent, geophysical prespecting	IV	Contract negotiating and related work
Agricultural economist	IV	Social science, psychological and related research
Market research analyst	IV	Collection of potential sales data
Estimator	IV	Labor and materials cost estimation
BUSINESS AND OFFICE		
Comptroller	IV	Administration
Budget consultant	II	Consultative and business services
Executive secretary	II	Secretarial and related work

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
Business and Office continued.		
Town clerk	III	Correspondence and related work
Management aid	III	Information gathering, dispensing, verifying and related work
Claim examiner (insurance)	III	Title and contract search and analysis
Law clerk	III	Title and contract search and analysis
Loan officer	IV	Accounting, auditing and related work
Franchise promotion manager	IV	Managerial work
Financial economist	IV	Social science, psychological and related research
Operations research analyst	IV	Mathematics, physical science, and related research
Trust officer (bank)	IV	Administration
Treasurer	IV	Administration
Insurance manager	IV	Administration
Certified public accountant	IV	Accounting, auditing and related work
Insurance underwriter	IV	Accounting, auditing and related work
CONSTRUCTION		
Real estate lawyer	II	Legal and related work
Right-of-way agent	III	Contract negotiating and related work
Sales superintendent	III	Purchasing and sales work
Contractor	IV	Managerial work
Labor economist	IV	Social science, psychological and related research
Internal auditor	IV	Accounting, auditing and related work

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
COMMUNICATIONS AND MEDIA		
Radio and television worker	II	Demonstration and sales
Telegraph office manager	IV	Managerial work
Circulation manager	IV	Administration
Station manager	IV	Administration
Publications superintendent	IV	Journalism and editorial work
CONSUMER-HOMEMAKING		
Management aid (public housing)	II	Information gathering, dispensing, verifying
Personal shopper	II	Demonstration and sales
Family finance specialist	II	Consultative and business services
Manager, technical service	II	Consultative and business services
Extension service specialist	II	Vocational education
Adult education teacher	II	High school, college, university and related instruction
Comparison shopper	III	Classifying, filing, and related work
Catering manager	IV	Managerial work
Store manager	IV	Managerial work
Guest house manager	IV	Supervisory work
Sales-service worker	IV	Promotion and publicity
Manufacturer's representative	III	Purchasing and sales work
Purchasing agent	III	Purchasing and sales work
Caseworker (family)	IV	Guidance and counseling
Market research analyst	IV	Social science, psychological and related research

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
ENVIRONMENT		
Junk buyer	I	Purchasing and sales work
Home economist	II	Vocational education
Salvage engineer	IV	Engineering and related work
Economist	IV	Social science, psychological and related research
Farm manager	IV	Managerial work
Property disposal officer	IV	Managerial work
Lawyer	IV	Legal and related work
Supervisor, publications	IV	Journalism and editorial work
City manager	IV	Administration
Conservation commissioner	IV	Administration
FINE ARTS AND HUMANITIES		
Caseworker, family	II	Guidance and counseling
Clergy	II	Performance of religious functions
Community relations and services advisor	IV	Guidance and counseling
Parole officer	IV	Guidance and counseling
Literary agent	IV	Contract negotiating and related work
Business manager	IV	Contract negotiating and related work
Artist and repertorialist	IV	Managerial work
HEALTH		
Hospital insurance representative	II	Information gathering, dispensing, verifying and related work

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
MANUFACTURING		
Purchasing engineer (aircraft)	III	Purchasing and sales work
Purchasing agent	III	Purchasing and sales work
Administrative assistant	IV	Managerial work
Service supervisor, leased equipment	IV	Managerial work
Accountant, consulting	IV	Accounting auditing and related work
Cost analysis engineer	IV	Engineering and related work
Labor relations specialist	IV	Administration
Advertising manager	IV	Administration
Personnel manager	IV	Administration
Lobbyist	IV	Contract negotiating and related work
Patent lawyer	IV	Legal and related work
Industrial economist	IV	Social science, psychological, and related research
International trade economist	IV	Social science, psychological, and related research
MARINE SCIENCE		
Marine service manager	II	Managerial work
Marine supplies sales worker	II	Demonstration and sales
Admiralty lawyer	IV	Legal and related work
Drilling and production superintendent	III	Managerial work
Ferryboat captain	IV	Command and inspection of ferryboat

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
MARKETING AND DISTRIBUTION		
Field representative	II	Appraising and investigating work
Art appraiser	II	Appraising and investigating work
Management aid	II	Information gathering, dispensing, verifying, etc.
Repossesser	II	Payment solicitation
Department manager	III	Supervisory work
Chainstore buyer	III	Purchasing and sales work
Time and space buyer	III	Purchasing and sales work
Real estate broker	III	Demonstration and sales
Property rental agent	III	Demonstration and sales
Store manager	III	Managerial work
Importer-exporter	III	Managerial work
Credit analyst	III	Investigating, protecting, and related work
Dealer/sales promoter	IV	Promotion and publicity
Sales service worker	IV	Promotion and publicity
Market research analyst	IV	Social science, psychological, and related research
Contract and order administrator	IV	Social science, psychological, and related research
Property accountant	IV	Accounting, auditing and related work
PERSONAL SERVICE		
Service establishment attendant	II	Customer service work
Management aid	II	Information gathering, dispensing, verifying, etc.

BUSINESS LAW, BUSINESS MANAGEMENT, CONSUMER ECONOMICS

Occupation	Level	Type of Work
Personal Service continued.		
Home health aide coordinator	IV	Supervisory work
Cleaning services coordinator	IV	Supervisory work
Budget consultant	IV	Consultative and business services
Pet shop or kennel manager	IV	Managerial work
Funeral director	IV	Managerial work
Advertising assistant	IV	Promotion and publicity
Parole officer	IV	Guidance and counseling
Caseworker	IV	Guidance and counseling
PUBLIC SERVICE		
County agricultural agent	II	Vocational education
School plant consultant	IV	Engineering, scientific and technical coordination
District attorney	IV	Legal and related work
Securities and real estate director	IV	Managerial work
Housing authority manager	IV	Managerial work
Tax economist	IV	Social science, psychological and related research
Police chief	IV	Administration
Salary and wage administrator	IV	Administration
RECREATION AND HOSPITALITY		
Travel counselor	II	Scheduling, dispatching, expediting and related work
Lodging facility manager	III	Supervisory work

Occupation	Level	Type of Work
Recreation and Hospitality continued.		
Art director	III	Decorating and art work
Promotion manager	IV	Administration
Hotel and restaurant manager	IV	Administration
Booking agent	IV	Contract negotiating and related work
Impressario	IV	Contract negotiating and related work
Professional sports scout	IV	Contract negotiating and related work
Golf club manager	IV	Managerial work
Convention manager	IV	Managerial work
TRANSPORTATION		
Equipment service supervisor	III	Supervisory work
Motor vehicle dispatcher	III	Scheduling, dispatching, expediting, and related work
Travel accommodation appraiser	III	Interviewing, information giving, and related work
Harbor department manager	IV	Administration
District sales representative	IV	Administration
Service manager (auto service)	IV	Managerial work
Traffic manager	IV	Managerial work

BUSINESS MACHINES, DATA PROCESSING

Cluster / Occupation	Level	Type of Work
BUSINESS AND OFFICE		
Secretary	II	Secretarial and related work
Computer operations supervisor	III	Supervisory work
Head transcribing operator	III	Supervisory work
Proof machine operator	III	Computing and recording
Audit machine operator	III	Computing and recording
Cryptographic machine operator	III	Operation of encoding machines
Computer field service technician	III	Typing and related recording
Digital computer operator	III	Typesetting, reproducing and related machine work
Vari-typist	III	Typesetting, reproducing and related machine work
Posting clerk	III	Routine checking and recording
Data processing control clerk	III	Classifying, filing and related work
Stenotype operator	III	Stenographic and related work
Court reporter	III	Stenographic and related work
Statistician	IV	Mathematics, physical sciences, and related research
Business data processing project director	IV	Mathematics, physical sciences, and related research
Bank cashier	IV	Administration
Key-punch operator	III	Typesetting, reproducing and related machine work
COMMUNICATIONS AND MEDIA		
Telefax supervisor	III	Supervisory work (clerical, sales, and related work)
Computer-peripheral-equipment operator	III	Typesetting, reproducing and related work

BUSINESS MACHINES, DATA PROCESSING

Occupation	Level	Type of Work
Communications and Media continued.		
Telefax clerk	III	Typesetting, reproducing and related work
Data processing control clerk	III	Classifying, filing and related work
MANUFACTURING		
Data processing project director	IV	Engineering, scientific and technical coordination
Engineering and scientific programer	IV	Mathematics, physical science and related work
Research mathematician	IV	Mathematics, physical science and related work
MARKETING AND DISTRIBUTION		
Cashier	II	Handling of monetary transactions
Statistical clerk, advertising	III	Computing and related recording
Paymaster/payroll director	III	Computing and related recording
Inventory controller	III	Inspecting and stock checking
Stock clerk	III	Inspecting and stock checking
Statistical clerk	III	Classifying, filing, and related work
Business programer	IV	Accounting, auditing and related work
Manifest clerk	III	Verifying and typing of freight information

CHEMISTRY

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Food products tester	III	Materials analysis
Vocational agriculture instructor	II	Vocational education
Liquid fertilizer worker	III	Driving, operating
Chemist helper	IV	Preparation of equipment, testing
Agricultural aid	IV	Care of animals, crops, seeds
Research and development director	IV	Administration
Bulk plant manager	IV	Administration
Soil scientist	IV	Scientific research
CONSTRUCTION		
Laboratory tester	III	Materials analysis and related work
Soils engineer	III	Materials analysis and related work
Materials engineer	IV	Engineering research and design
Soil scientist	IV	Scientific research
CONSUMER-HOMEMAKING		
Extension service specialist	II	Vocational education
Technical education teacher	II	High school, college, university and related instruction
Textile chemist	IV	Scientific research
Food chemist	IV	Scientific research
Dye chemist	IV	Scientific research
Sanitary inspector	III	Appraising and investigating work

CHEMISTRY

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Veterinarian (meat inspector)	III	Appraising and investigating work
ENVIRONMENT		
Scientific helper	III	Technical work, sciences and related work
Environmental research testing technician	III	Technical work, engineering and related work
Food products tester	IV	Materials analysis and related work
Water purification chemist	IV	Materials analysis and related work
Biochemistry technician	IV	Materials analysis and related work
Purification plant operator	IV	Water purification
Sanitary engineer	IV	Engineering research and design
Biochemist	IV	Scientific research
Botanist	IV	Scientific research
Food and drug inspector	III	Appraising, investigating and related work
Water well inspector	III	Appraising, investigating, and related work
FINE ARTS AND HUMANITIES		
Archeological assistant	III	Artistic restoration, decorating, etc.
Paintings restorer	III	Artistic restoration, decorating, etc.
Commercial photographer	III	Photography and motion picture camera work
Color consultant	IV	Decorating and art work
HEALTH		
Chemical laboratory technician	III	Materials analysis and related work
Cytotechnologist	III	Materials analysis and related work

CHEMISTRY

Occupation	Level	Type of Work
Health continued.		
Licensed pratical nurse	III	Nursing, x-ray, and related services
Nurse instructor	III	Supervisory and instructive work
Medical technician teaching supervisor	III	Supervisory and instructive work
Chemical and drugs sales representative	III	Demonstration and sales
Medical laboratory assistant	III	Craftsmanship related to blood testing
Research nutritionist	IV	Scientific research
Pharmacologist	IV	Scientific research
General practitioner	IV	Medical, veterinary, and related services
Radiologic technician chief	IV	Engineering, scientific and technical coordination
MANUFACTURING		
Chemical processing foreman/forelady	III	Supervisory work
Spectroscopist	III	Materials analysis and related work
Laboratory assistant (textiles)	III	Materials analysis
Quality control technician	IV	Technical work, engineering and related fields
Assayer	IV	Materials analysis
Chief synthesis operator	IV	Set up and/or all-around machine operating
Physical chemist	IV	Scientific research
Analytical chemist	IV	Scientific research
Food processing plant manager	IV	Managerial work
Chemical engineer	IV	Engineering research and design
Pilot plant operator helper	III	Manipulating

CHEMISTRY

Occupation	Level	Type of Work
MARINE		
Scientific photographer	III	Motion picture projecting, photograph machine work and related activities
Petroleum chemist helper	IV	Technical work, science and related fields
Photogrammetric engineer	IV	Engineering and related work
Chemical laboratory chief	IV	Engineering, scientific and technical coordination
Biochemist	IV	Scientific research
COMMUNICATIONS AND MEDIA		
Photograph finisher	I	Drying, trimming, and mounting prints
Photographer (aerial)	III	Motion picture projecting, photographic machine work
Offset press operator	III	Operating, controlling
Photographic foreman/forelady	III	Supervising work
Photographic sensitometrist	IV	Materials analysis and related work
Printmaker	III	Art work
PUBLIC SERVICE		
Waterworks supervisor	IV	Industrial engineering and related work
Analytical chemist	IV	Scientific research
Oceanographer	IV	Scientific research
Purification plant operator	IV	Water purification
Sewage disposal engineer	IV	Engineering, scientific, and technical coordination
Medical officer	IV	Medical, veterinary and related services
Public health veterinarian	IV	Control of diseases communicable to man

COMMUNICATIONS

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Farm and garden equipment sales worker	II	Demonstration and sales
Agriculture products commission person	II	Purchasing and sales
Production foreman/forelady	III	Supervisory work
Appraiser	III	Estimation of value
County agricultural agent	II	Vocational education
Vocational agriculture instructor	II	Vocational education
Park naturalist	II	Preparation of exhibits, lectures for the public
Veterinarian (meat inspector)	II	Appraising and investigating work
Mining investigator	III	Engineering and related work
Food products tester	III	Materials analysis and related work
Topographical mapping supervisor	III	Engineering, scientific and technical coordination
Expediter	III	Facilities, services, movement and expediting
Logging instructor	III	Industrial training
Field representative	III	Consultative and business services
Labor relations specialist	IV	Labor or management representation
Sales manager	IV	Administration
Warehouse manager	IV	Managerial work
Geophysical prospecting permit agent	IV	Contract negotiating and related work
Forest ecologist	IV	Scientific research
Irrigation engineer	IV	Engineering research and design
Agricultural economist	IV	Social science, psychological research
Production planner	IV	Industrial engineering and related work
Technical publications writer	IV	Technical writing and related work
Editor	IV	Journalism and editorial work
Syndicate news specialist	IV	Journalism and editorial work

COMMUNICATIONS

Occupation	Level	Type of Work
BUSINESS AND OFFICE		
Library registration clerk	I	Information gathering, dispensing, verifying, etc.
Personnel recruiter	II	Interviewing, information giving and related work
Survey worker	II	Interviewing, information giving, and related work
Budget consultant	II	Consultative and business services
Out-patient admitting clerk	II	Information gathering, dispensing, verifying, etc.
Executive secretary	II	Secretarial and related work
Personnel clerk supervisor	III	Supervisory work
Correspondence clerk	III	Correspondence and related work
Management aid	III	Information gathering, dispensing, verifying, etc.
Suggestion clerk	III	Information gathering, dispensing, verifying, etc.
Public stenographer	III	Stenographic and related work
Account executive	IV	Managerial work
Job analyst	IV	Social science, psychological research
Information scientist	IV	Mathematics, physical sciences, and related research
Labor union business agent	IV	Administration
Insurance claim examiner	III	Title and contract search and analysis
Editing clerk	IV	Translating, editing, and related work
Loan officer	IV	Accounting, auditing, and related work

Occupation	Level	Type of Work
COMMUNICATIONS AND MEDIA		
Telephone services sales representative	II	Demonstration and sales
Automatic equipment supervisor	III	Supervisory work
Training supervisor	III	Training services
Proofreader	III	Routine checking and recording
Program assistant	III	Scheduling, dispatching, expediting, and related work
Television schedule coordinator	III	Classifying, filing and related work
Shopper (motion pictures)	III	Purchasing and sales work
Collaborator	IV	Creative writing
Sound and laboratory engineer	IV	Materials analysis and related work
Broadcast news analyst	III	Journalism and editorial work
Newspaper managing editor	IV	Journalism and editorial work
Design and development engineer	IV	Engineering research and design
Announcer supervisor	IV	Managerial work
Electrical technician	IV	Technical work, engineering and related work
Visual information specialist	III	Art work
Circulation manager	IV	Administration
Foreign correspondent	III	Translating, editing, and related work
Interpreter	III	Radio announcing and related work
Motion picture art director	III	Decorating and art work
Data processing systems engineer	IV	Engineering and related work
Dramatic arts historian	IV	Social science, psychological and related research

CHEMISTRY

Occupation	Level	Type of Work
MARINE		
Scientific photographer	III	Motion picture projecting, photograph machine work and related activities
Petroleum chemist helper	IV	Technical work, science and related fields
Photogrammetric engineer	IV	Engineering and related work
Chemical laboratory chief	IV	Engineering, scientific and technical coordination
Biochemist	IV	Scientific research
COMMUNICATIONS AND MEDIA		
Photograph finisher	I	Drying, trimming, and mounting prints
Photographer (aerial)	III	Motion picture projecting, photographic machine work
Offset press operator	III	Operating, controlling
Photographic foreman/forelady	III	Supervising work
Photographic sensitometrist	IV	Materials analysis and related work
Printmaker	III	Art work
PUBLIC SERVICE		
Waterworks supervisor	IV	Industrial engineering and related work
Analytical chemist	IV	Scientific research
Oceanographer	IV	Scientific research
Purification plant operator	IV	Water purification
Sewage disposal engineer	IV	Engineering, scientific, and technical coordination
Medical officer	IV	Medical, veterinary and related services
Public health veterinarian	IV	Control of diseases communicable to man

COMMUNICATIONS

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Farm and garden equipment sales worker	II	Demonstration and sales
Agriculture products commission person	II	Purchasing and sales
Production foreman/forelady	III	Supervisory work
Appraiser	III	Estimation of value
County agricultural agent	II	Vocational education
Vocational agriculture instructor	II	Vocational education
Park naturalist	II	Preparation of exhibits, lectures for the public
Veterinarian (meat inspector)	II	Appraising and investigating work
Mining investigator	III	Engineering and related work
Food products tester	III	Materials analysis and related work
Topographical mapping supervisor	III	Engineering, scientific and technical coordination
Expediter	III	Facilities, services, movement and expediting
Logging instructor	III	Industrial training
Field representative	III	Consultative and business services
Labor relations specialist	IV	Labor or management representation
Sales manager	IV	Administration
Warehouse manager	IV	Managerial work
Geophysical prospecting permit agent	IV	Contract negotiating and related work
Forest ecologist	IV	Scientific research
Irrigation engineer	IV	Engineering research and design
Agricultural economist	IV	Social science, psychological research
Production planner	IV	Industrial engineering and related work
Technical publications writer	IV	Technical writing and related work
Editor	IV	Journalism and editorial work
Syndicate news specialist	IV	Journalism and editorial work

COMMUNICATIONS

Occupation	Level	Type of Work
BUSINESS AND OFFICE		
Library registration clerk	I	Information gathering, dispensing, verifying, etc.
Personnel recruiter	II	Interviewing, information giving and related work
Survey worker	II	Interviewing, information giving, and related work
Budget consultant	II	Consultative and business services
Out-patient admitting clerk	II	Information gathering, dispensing, verifying, etc.
Executive secretary	II	Secretarial and related work
Personnel clerk supervisor	III	Supervisory work
Correspordence clerk	III	Correspondence and related work
Management aid	III	Information gathering, dispensing, verifying, etc.
Suggestion clerk	III	Information gathering, dispensing, verifying, etc.
Public stenographer	III	Stenographic and related work
Account executive	IV	Managerial work
Job analyst	IV	Social science, psychological research
Information scientist	IV	Mathematics, physical sciences, and related research
Labor union business agent	IV	Administration
Insurance claim examiner	III	Title and contract search and analysis
Editing clerk	IV	Translating, editing, and related work
Loan officer	IV	Accounting, auditing, and related work

Occupation	Level	Type of Work
COMMUNICATIONS AND MEDIA		
Telephone services sales representative	II	Demonstration and sales
Automatic equipment supervisor	III	Supervisory work
Training supervisor	III	Training services
Proofreader	III	Routine checking and recording
Program assistant	III	Scheduling, dispatching, expediting, and related work
Television schedule coordinator	III	Classifying, filing and related work
Shopper (motion pictures)	III	Purchasing and sales work
Collaborator	IV	Creative writing
Sound and laboratory engineer	IV	Materials analysis and related work
Broadcast news analyst	III	Journalism and editorial work
Newspaper managing editor	IV	Journalism and editorial work
Design and development engineer	IV	Engineering research and design
Announcer supervisor	IV	Managerial work
Electrical technician	IV	Technical work, engineering and related work
Visual information specialist	III	Art work
Circulation manager	IV	Administration
Foreign correspondent	III	Translating, editing, and related work
Interpreter	III	Radio announcing and related work
Motion picture art director	III	Decorating and art work
Data processing systems engineer	IV	Engineering and related work
Dramatic arts historian	IV	Social science, psychological and related research

COMMUNICATIONS

Occupation	Level	Type of Work
CONSTRUCTION		
Interior designer and decorator	II	Decorating and art work
Real estate lawyer	II	Legal and related work
Industrial arts instructor	I	High school, college, university instruction
Soils engineer	III	Materials analysis and related work
Right-of-way agent	III	Contract negotiating and related work
Progress clerk	III	Classifying, filing, and related work
Labor expediter	III	Scheduling, dispatching, expediting and related work
Yard foreman/forelady	III	Supervisory work
Purchasing agent	III	Purchasing and sales work
Highway inspector	III	Appraising and investigating work
Construction superintendent	IV	Managerial work
Land use technician	III	Investigating, protecting and related work
Soil scientist	IV	Scientific research
Landscape architect	IV	Social science, psychological and related research
Internal auditor	IV	Accounting, auditing, and related work
CONSUMER-HOMEMAKING		
Color consultant	II	Decorating and art work
Occupational therapist	II	Therapeutic and related work
Public housing management aid	II	Information gathering, dispensing, verifying and related work
Nursery school teacher	II	Child care

COMMUNICATIONS

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Bridal consultant	II	Demonstration and sales work
Home service representative	II	Demonstration and sales work
Recreation leader	II	Miscellaneous instructive work
Family finance specialist	II	Consultative and business services
Sales clerk	II	Customer service work
Dietitian teaching	II	Supervisory instructive work
Consumer services home economist	II	Vocational education
Technical education teacher	II	High school, college, university instruction
Child mentor	II	Kindergarten, elementary school and related instruction
Copy writer	III	Creative writing
Feature reporter	III	News reporting and related work
Food bacteriologist	IV	Scientific research
Child psychologist	IV	Social science, psychological and related research
Book or magazine editor	III	Journalism and editorial work
Sales education director	III	Training services
Purchasing agent	III	Purchasing and sales work
Family caseworker	III	Guidance and counseling
Food preparation tester	III	Materials analysis and related work
Food and drug inspector	III	Appraising and investigating work
Fashion editor	III	Journalism and editorial work
Community organization director	IV	Administration
Home service director	IV	Managerial work
Food service supervisor	III	Supervisory work
Sales-service worker	III	Promotion and publicity

Occupation	Level	Type of Work
ENVIRONMENT		
Safety clothing and equipment development designer	IV	Engineering research and design
Junk buyer	I	Purchasing and sales work
Smoke jumper	II	Parachuting firefighting
Home economist	II	Vocational education
Lecturer	II	High school, college, university instruction
Park ranger	III	Investigating, protecting, and related services
Safety inspector	III	Appraising and investigating work
Soil conservationist	IV	Planning soil management
Health physicist	IV	Health physics
Publications supervisor	IV	Administration
Urban planner	IV	Administration
Technical publications writer	IV	Technical writing
Farm manager	IV	Managerial work
Lawyer	IV	Legal and related work
Agricultural engineering technician	IV	Technical work, engineering and related fields
Astronomer	IV	Mathematics, physical sciences and related research
Public health bacteriologist	IV	Materials analysis and related work
Salvage engineer	IV	Engineering and related work
Safety engineer	IV	Engineering research and design
Industrial sociologist	IV	Social science, psychological and related research

COMMUNICATIONS

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Dramatic reader	I	Dramatics
Story teller	I	Creative entertainment work
Clergy	II	Performance of religious functions
School social worker	II	Guidance and counseling
Group work program aid	II	Miscellaneous instruction
Recreational therapist	II	Therapeutic and related work
Acquisitions librarian	IV	Title contract search and analysis
Architect	IV	Engineering research and design
Music librarian (broadcasting)	III	Classifying, filing, and related work
Color consultant	III	Decorating and art work
Scenario writer	IV	Creative writing
Composer	IV	Musical work
Business manager	IV	Contract negotiating and related work
Artist and repertorialist	IV	Managerial work
Art appraiser	IV	Appraising and investigating work
Translator	IV	Translating, editing, and related work
Department editor	IV	Journalism and editorial work
Museum curator	IV	Administration
Biographer	IV	Social science, psychological and related research
Community relations and services advisor	IV	Guidance and counseling
Psychiatiric social worker	IV	Guidance and counseling

COMMUNICATION

Occupation	Level	Type of Work
HEALTH		
Hospital insurance represenatative	II	Information gathering, dispensing, verifying
Service engineer	II	Sales and service work
Industrial arts therapist	II	Therapeutic and related work
Chemicals and drugs sales worker	III	Demonstration and sales work
Pharmacologist	IV	Scientific research
Health physicist	IV	Health physics
Surgeon	IV	Surgery
Scientific linguist	IV	Social science, psychological research
General practitioner	IV	Medical, veterinary and related services
Medical social worker	IV	Guidance and counseling
Optical engineer	IV	Engineering research and design
Nursing service director	IV	Administration
Credit and collection manager	IV	Managerial work
Medical technician chief	IV	Engineering scientific and technical coordination
Pharmaceutical sales representative	III	Purchasing and sales work
Histopathologist	III	Materials analysis and related work
Dental assistant	III	Nursing, x-ray, and related services
MANUFACTURING		
Employment clerk	II	Information gathering, dispensing, verifying
Safety inspector	III	Appraising and investigating work
Industrial cafeteria manager	III	Supervisory work

Occupation	Level	Type of Work
Manufacturing continued.		
Warehouse foreman/forelady	III	Supervisory work
Purchasing engineer	III	Purchasing and sales work
Standards laboratory technician	IV	Technical work, engineering, and related work
Assayer	IV	Materials analysis and related work
Plant engineer	IV	Engineering and related work
Research director	IV	Administration
Lobbyist	IV	Contract negotiating and related work
Patent lawyer	IV	Legal and related work
Data processing project director	IV	Engineering, scientific and technical coordination
Metallurgist	IV	Engineering research and design
Industrial chemist	IV	Scientific research
Operations research analyst	IV	Mathematics, physical sciences and related work
Industrial economist	IV	Social science, psychological research
Service supervisor	IV	Managerial work
Time study engineer	IV	Industrial engineering and related work
Cost accountant	IV	Accounting, auditing, and related work
Home service director	IV	Managerial work
Apparel manufacturing instructor	III	Industrial training
Industrial designer	III	Art work
MARINE SCIENCE		
Marine service manager	II	Managerial work
Navigation instructor	II	Industrial training

COMMUNICATIONS

Occupation	Level	Type of Work
Marine science continued.		
Marine supplies sales representative	II	Demonstration and sales work
Oceanographer	IV	Scientific research
Marine engineer	IV	Engineering research and design
Admiralty lawyer	IV	Legal and related work
Instrumentation technician	IV	Technical work, engineering and related research
Scientific linguist	IV	Social science, psychological research
Engineering and science programer	IV	Mathematics, physical sciences, and related research
Scientific documents translator	IV	Translating, editing, and related work
Salvage engineer	IV	Engineering and related work
Chief research engineer	IV	Engineering, scientific and technical coordination
Drilling and production superintendent	III	Managerial work
MARKETING AND DISTRIBUTION		
Newspaper carrier	I	Selling and related work
Telephone operator	II	Switchboard service
Store detective	II	Protecting and related work
Secretary	II	Secretarial and related work
Car rental clerk	II	Customer service
Shop estimator (auto services)	II	Appraising and investigating work
Goodwill ambassador	II	Demonstration and sales
Real estate sales worker	II	Demonstration and sales

COMMUNICATIONS

Occupation	Level	Type of Work
Marketing and Distribution continued.		
Order clerk	II	Information gathering, dispensing, and verifying
Department manager	III	Supervisory work
Fashion coordinator	III	Purchasing and sales work
Property rental agent	III	Demonstration and sales
Credit and collection manager	III	Managerial work
Travel accommodation appraiser	III	Investigating, protecting, and related work
Comparison shopper	III	Classifying, filing, and related work
Customer service specialist	III	Facilities, services, and movement allocating and expediting work
Market research analyst	IV	Collection of potential sales data
Display manager	III	Decorating and art work
Advertising manager	IV	Administration
Business programer	IV	Mathematics, physical sciences and related research
Property accountant	IV	Accounting, auditing, and related work
Service management specialist	IV	Industrial engineering and related work
Sales education director	III	Training services
Advertising lay-out worker	III	Art work
PERSONAL SERVICE		
Pets and supplies sales worker	II	Demonstration and sales
Service establishment attendant	II	Customer service work
Receptionist	II	Information gathering, dispensing, etc.
House parent	III	Supervisory work
Budget consultant	II	Consultative and business services

Occupation	Level	Type of Work
Personal Service continued.		
Sales-service worker	III	Promotion and publicity
Funeral director	III	Managerial work
Counselor	III	Guidance and counseling
Therapeutic dietitian	III	Supervising and instructive work
Bonding agent	II	Investigating, protecting, and related work
PUBLIC SERVICE		
Police academy instructor	II	Instruction of police recruits
Parking enforcement officer	II	Routine checking and recording
Field health officer	III	Investigating, protecting, and related work
Industrial waste inspector	III	Appraising and investigating work
Street light service foreman/forelady	III	Supervisory work
Child welfare caseworker	III	Guidance and counseling
Highway engineer	IV	Engineering and related work
School plant consultant	IV	Engineering, scientific and technical coordination
Electrical plant engineer	IV	Engineering and related work
Demographer	IV	Mathematics, physical science and related research
Medical officer	IV	Medical, veterinary and related services
Water purification chemist	IV	Materials analysis and related work
Appeals reviewer	IV	Legal and related work
Traffic engineer	IV	Industrial engineering and related work
Hydrologist	IV	Scientific research
Urban planner	IV	Administration
Relocation commissioner	IV	Managerial work

Occupation	Level	Type of Work
Public Service continued.		
Patent examiner	IV	Title and contract search and analysis
International relations specialist	IV	Social science, psychological research
Home service representative	II	Demonstration and sales work
Management aid (public housing)	II	Information gathering, dispensing, verifying, and related work
RECREATION AND HOSPITALITY		
Professional golfer	I	Physical education
Sightseeing guide	I	Information gathering, dispensing and related work
Concession attendant	I	Selling and related work
Golf course ranger	I	Protecting and related work
Musical entertainer	I	Musical work, instrumental
Hunting and fishing guide	I	Accommodating work
Popular singer	I	Musical work
Sports announcer	II	Radio announcing and related work
Ringmaster	II	Miscellaneous amusement and recreational work
Bridge instructor	II	Miscellaneous instruction
Travel clerk	II	Information gathering, dispensing, verifying
Hobbies and crafts sales worker	II	Demonstration and sales work
Travel counselor	II	Scheduling, dispatching, expediting and related work
Art director	III	Decorating and art work
Lodging facility manager	III	Supervisory work
Purchasing agent	III	Purchasing and sales work
Sanitary inspector	III	Appraising and investigating work
Promotion manager	IV	Administration

COMMUNICATIONS

Occupation	Level	Type of Work
Recreation and Hospitality continued.		
Professional sports scout	IV	Contract negotiating
Archeologist	IV	Social science, psychological research
Recreation director	IV	Managerial work
Aquatic biologist	IV	Scientific research
TRANSPORTATION		
Adjustment clerk	II	Information gathering, dispensing, verifying
Motor transportation safety engineer	II	Industrial training
Crating-moving estimator	II	Demonstration and sales
Car rental clerk	II	Customer service work
Revising clerk	III	Classifying, filing, and related work
Loading inspector	III	Routine checking and recording
Drivers supervisor	III	Supervisory work
Motor vehicles dispatcher	III	Scheduling, dispatching, expediting
Freight traffic consultant	III	Interviewing, information giving, and related work
Chief airplane flight attendant	III	Instructs flight attendants
Shop estimator	III	Appraising and investigating work
Flight engineer	III	Technical work, engineering and related work
District sales representative	IV	Administration
Service manager (auto service)	IV	Managerial work
Tracer	III	Facilities, services, movement allocating and expediting work

ECONOMICS

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Agriculture products commission agent	II	Purchase and sales work
Orchardist	II	Cropping, animal farming, gardening
Appraiser	III	Accounting, auditing, and related work
Cost accountant	III	Accounting, auditing, and related work
Forest engineer	IV	Engineering and related work
County agricultural agent	II	Vocational education
Feed and farm management advisor	II	Vocational education
Labor relations specialist	IV	Administration
Research and development director	IV	Administration
Farm manager	IV	Managerial work
Grain buyer	IV	Managerial work
Field contact person	IV	Contract negotiation, etc.
Agricultural economist	IV	Social sciences, psychological related research
BUSINESS AND OFFICE		
Employment interviewer	II	Interviewing, information giving, etc.
Budget consultant	II	Consultative and business services
Loan officer	IV	Accounting, auditing and related work
Credit analyst chief	IV	Accounting, auditing and related work
Franchise promotion manager	IV	Managerial work
Account executive	IV	Managerial work
Financial economist	IV	Social science, psychological and related research
Statistician	IV	Mathematics, physical sciences and related research

ECONOMICS

Occupation	Level	Type of Work
Business and Office continued.		
Contract and order administrator	IV	Administration
Financial institution manager	IV	Administration
CONSTRUCTION		
Real estate lawyer	II	Legal and related work
Right-of-way-agent	III	Contract negotiating and related work
Sales superintendent	III	Purchase and sales work
Contractor	IV	Managerial work
Labor economist	IV	Social science, psychological and related research
Price economist	IV	Social science, psychological and related research
Property accountant	IV	Accounting, auditing and related work
Appraiser	IV	Estimation of value
CONSUMER-HOMEMAKING		
Consumer services home economist	II	Vocational education
Instructor, extension work	II	High school, college, university and related instruction
Family finance specialist	II	Consultative and business services
Technical service manager	II	Consultative and business services
Market research analyst	IV	Collection of potential sales data
Social welfare research worker	IV	Social science, psychology and related research
Food concession manager, restaurant	IV	Social science, psychological and related research

ECONOMICS

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Industrial cafeteria manager	III	Supervisory work (service and related)
Sales-service person	III	Promotion and publicity
Manufacturer's representative	III	Purchase and sales work
Purchasing agent	III	Purchasing and sales work
Family caseworker	II	Guidance and counseling
ENVIRONMENT		
Extension service specialist	I	Vocational education
Faculty member, college or university	II	High school, college, university and related instruction
Economist	IV	Social science, psychological and related research
Economic geographer	IV	Social science, psychological and related research
Research and development director	IV	Administration
City manager	IV	Administration
Urban planner	IV	Administration
Farm manager	IV	Managerial work
Lawyer	IV	Legal and related work
FINE ARTS AND HUMANITIES		
Family caseworker	II	Guidance and counseling
Photograph gallery or studio manager	III	Photography and motion picture camera work
Architect	III	Engineering research and design
Business manager	IV	Contract negotiating and related work
Theatrical production manager	IV	Contract negotiating and related work
Art appraiser	IV	Appraising and investigating work

ECONOMICS

Occupation	Level	Type of Work
HEALTH		
Hospital superintendent	IV	Administration
Credit and collection manager	IV	Managerial work
Dental laboratory manager	IV	Managerial work
MANUFACTURING		
Purchasing agent	III	Purchasing and sales work
Purchasing engineer	III	Purchasing and sales work
Cost analysis engineer	IV	Engineering and related work
Labor relations specialist	IV	Labor or management representation
Sales manager	IV	Administration
Labor union business agent	IV	Administration
Tax attorney	IV	Legal and related work
Corporate lawyer	IV	Legal and related work
Industrial economist	IV	Social science, psychological and related research
International trade economist	IV	Social science, psychological and related research
Labor economist	IV	Social science, psychological and related research
Manager trainee	IV	Managerial work
Estimator	IV	Labor and materials cost estimation
Cost Accountant	IV	Accounting, auditing, and related work

Occupation	Level	Type of Work
MARINE		
Marine service manager	II	Managerial work
Boats and nautical equipment salesperson	II	Demonstration and sales
Salvage engineer	IV	Engineering and related work
Botanist, botanist	IV	Scientific research
Construction engineer	IV	Engineering research and design
MARKETING AND DISTRIBUTION		
Appraiser	II	Estimation of value
Commission agent	III	Purchasing and sales work
Chainstore buyer	III	Purchasing and sales work
Property rental agent	III	Demonstration and sales
Importer-exporter	III	Managerial work
Internal auditor	IV	Accounting, auditing, and related work
Business programer	IV	Accounting, auditing, and related work
Market research analyst	IV	Collection of potential sales data
Sales manager	IV	Administration
Business and economic statistician	IV	Mathematics, physical sciences and related research
MEDIA AND COMMUNICATIONS		
Communication equipment sales worker	II	Demonstration and sales
Financial editor	III	Journalism and editorial work
Circulation manager	IV	Administration
Station manager	IV	Administration

ECONOMICS

Occupation	Level	Type of Work
PERSONAL SERVICES		
Budget consultant	II	Consultative and business services
Loan counselor	II	Consultative and business services
Administrative secretary	III	Managerial work
Barber or beauty shop manager	III	Managerial work
PUBLIC SERVICE		
Home economist	II	Vocational education
Highway engineer	IV	Engineering research and design
School plant consultant	IV	Engineering, scientific and technical coordination
Highway administration engineer	IV	Engineering, scientific and technical coordination
Chief land examiner	IV	Engineering, scientific and technical coordination
Appeals reviewer	IV	Legal and related work
City or state solicitor	IV	Legal and related work
Salary and wage administrator	IV	Administration
Housing authority manager	IV	Managerial work
International trade economist	IV	Social science, psychological and related research
RECREATION AND HOSPITALITY		
Amusement and sporting goods sales worker	II	Demonstration and sales
Hotel and restaurant manager	IV	Administration
Play broker	IV	Contract negotiating
Booking agent	IV	Managerial work

ECONOMICS

Occupation	Level	Type of Work
TRANSPORTATION		
Airport superintendent	IV	Administration
Operations manager	IV	Administration

FOREIGN LANGUAGES

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
International trade economist	IV	Social science, psychological research
Geophysical prospector	IV	Scientific research
Technical publications writer	IV	Technical writing and related work
BUSINESS AND OFFICE		
Foreign exchange code clerk	IV	Translating, editing, and related work
Foreign exchange trader (banking)	IV	Managerial work
Foreign language stenographer	III	Stenography and related work
CONSUMER-HOMEMAKING		
Public housing community relations and service advisor	IV	Guidance and counseling
School social worker	IV	Guidance and counseling
FINE ARTS AND HUMANITIES		
International broadcasting music librarian	III	Classifying, filing, and related work
Archeological assistant	III	Artistic restoration
Acquisitions librarian	IV	Title, contract and search analysis
Ethnologist	IV	Social science, psychological research
Philologist	IV	Social science, psychological research
Etymologist	IV	Social science, psychological research

FOREIGN LANGUAGES

Occupation	Level	Type of Work
Fine Arts and Humanities continued.		
Missionary	IV	Guidance and counseling
International broadcast script writer	IV	Creative writing
Archivist	IV	Managerial work
Special collections librarian	IV	Managerial work
Radio communication translator	IV	Translating, editing, etc.
HEALTH		
Scientific linguist	IV	Social science, psychological research
MANUFACTURING		
International trade economist	IV	Social science, psychological research
MARINE SCIENCE		
Scientific documents translator	IV	Translating, editing and related work
Admiralty lawyer	IV	Legal and related work
Archeologist	IV	Social science, psychological research
MARKETING AND DISTRIBUTION		
Importer-exporter	III	Managerial work
Travel accommodation appraiser	III	Investigating, protecting, and related

FOREIGN LANGUAGES

Occupation	Level	Type of Work
MEDIA AND COMMUNICATIONS		
Script writer	IV	Creative writing
Information specialist	IV	Creative writing, art work
Literary writer	IV	Creative writing
Radio communications translator	IV	Translating, editing, and related work
Interpreter	IV	Radio announcing and related work
Bilingual international writer-announcer	IV	Radio announcing and related work
Foreign correspondent	IV	Translating, editing, and related work
Foreign news translator	IV	Translating, editing, and related work
PERSONAL SERVICE		
Foreign student adviser	IV	Guidance and counseling
PUBLIC SERVICE		
Technical publications writer	IV	Technical writing, editing, etc.
International relations specialist	IV	Social science, psychological research
Foreign language teacher	II	High school, college, university instruction
Foreign service officer	IV	Administration
Airplane flight attendant	III	Miscellaneous personal service
RECREATION AND HOSPITALITY		
Travel counselor	II	Scheduling, dispatching, expediting
Travel clerk	I	Information gathering, dispensing, etc.

GOVERNMENT AND INTERNATIONAL RELATIONS

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Mining investigator	III	Engineering and related work
Feed and farm management advisor	III	Vocational education
Adult education teacher	III	High school, college, university instruction
Real estate appraiser	III	Appraising and investigating work
Crop specialty farmer	II	Crop farming, etc.
Petroleum scout	IV	Surveying, prospecting and related work
Labor relations specialist	IV	Administration
Export manager	IV	Administration
Farm manager	IV	Managerial work
Grain buyer	IV	Managerial work
Geophysical prospecting permit agent	IV	Contract negotiating and related work
Safety engineer (mines)	IV	Engineering research and design
Agricultural economist	IV	Social science, psychological and related research
Columnist	IV	Journalism and editorial work
BUSINESS AND OFFICE		
Employment interviewer	II	Interviewing, information giving, and related work
Legal secretary	II	Secretarial and related work
Town clerk	II	Correspondence and related work
Abstractor	III	Title and contract search and analysis

Occupation	Level	Type of Work
Business and Office continued.		
Claim examiner	III	Title and contract search and analysis
Court reporter	III	Stenographic and related work
Loan officer	IV	Accounting, auditing and related work
Special insurance agent	IV	Managerial work
Financial economist	IV	Social science, psychological and related research
Actuary	IV	Mathematics, physical sciences, and related research
Financial institution manager	IV	Administration
CONSUMER-HOMEMAKING		
Consumer services home economist	II	Vocational education
Family finance specialist	II	Consultative and business services
Food and drug inspector	III	Appraising and investigating work
Welfare director	IV	Administration
Manager, store	IV	Managerial work
Public relations worker	IV	Promotion and publicity
Purchasing agent	IV	Purchasing and sales work
Community-relations and service advisor (public housing)	IV	Guidance and counseling
Child welfare caseworker	IV	Guidance and counseling
Urban sociologist	IV	Social science, psychological and related research
Syndicate news specialist	III	Journalism and editorial work
Feature reporter	III	News reporting and related work

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupation	Level	Type of Work
CONSTRUCTION		
Real estate lawyer	II	Legal and related work
Right-of-way agent	III	Contract negotiating and related work
Contractor	III	Managerial work
Land use technician	III	Investigating, protecting, and related work
Safety and sanitary inspector	III	Investigating, protecting, and related work
Sales superintendent	III	Purchasing and sales work
Highway inspector	III	Appraising and investigating work
House builder	III	Craftsmanship in building structures
Highway engineer	IV	Engineering research and design
Labor economist	IV	Social science, psychological and related research
Purchase price analyst	IV	Accounting, auditing and related work
ENVIRONMENT		
Lecturer	II	High school, college, university and related instruction
Field health officer	III	Investigating, protecting, and related services
Plant quarantine inspector	III	Appraising and investigating work
General farmer	III	Cropping, animal farming, gardening, etc.
Public health bacteriologist	IV	Materials analysis and related work
Sanitary engineer	IV	Engineering research and design
Economist	IV	Social science, psychological and related research
Political scientist	IV	Social science, psychological and related research

FOREIGN LANGUAGES

Occupation	Level	Type of Work
MEDIA AND COMMUNICATIONS		
Script writer	IV	Creative writing
Information specialist	IV	Creative writing, art work
Literary writer	IV	Creative writing
Radio communications translator	IV	Translating, editing, and related work
Interpreter	IV	Radio announcing and related work
Bilingual international writer-announcer	IV	Radio announcing and related work
Foreign correspondent	IV	Translating, editing, and related work
Foreign news translator	IV	Translating, editing, and related work
PERSONAL SERVICE		
Foreign student adviser	IV	Guidance and counseling
PUBLIC SERVICE		
Technical publications writer	IV	Technical writing, editing, etc.
International relations specialist	IV	Social science, psychological research
Foreign language teacher	II	High school, college, university instruction
Foreign service officer	IV	Administration
Airplane flight attendant	III	Miscellaneous personal service
RECREATION AND HOSPITALITY		
Travel counselor	II	Scheduling, dispatching, expediting
Travel clerk	I	Information gathering, dispensing, etc.

GOVERNMENT AND INTERNATIONAL RELATIONS

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Mining investigator	III	Engineering and related work
Feed and farm management advisor	III	Vocational education
Adult education teacher	III	High school, college, university instruction
Real estate appraiser	III	Appraising and investigating work
Crop specialty farmer	II	Crop farming, etc.
Petroleum scout	IV	Surveying, prospecting and related work
Labor relations specialist	IV	Administration
Export manager	IV	Administration
Farm manager	IV	Managerial work
Grain buyer	IV	Managerial work
Geophysical prospecting permit agent	IV	Contract negotiating and related work
Safety engineer (mines)	IV	Engineering research and design
Agricultural economist	IV	Social science, psychological and related research
Columnist	IV	Journalism and editorial work
BUSINESS AND OFFICE		
Employment interviewer	II	Interviewing, information giving, and related work
Legal secretary	II	Secretarial and related work
Town clerk	II	Correspondence and related work
Abstractor	III	Title and contract search and analysis

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupation	Level	Type of Work
Business and Office continued.		
Claim examiner	III	Title and contract search and analysis
Court reporter	III	Stenographic and related work
Loan officer	IV	Accounting, auditing and related work
Special insurance agent	IV	Managerial work
Financial economist	IV	Social science, psychological and related research
Actuary	IV	Mathematics, physical sciences, and related research
Financial institution manager	IV	Administration
CONSUMER-HOMEMAKING		
Consumer services home economist	II	Vocational education
Family finance specialist	II	Consultative and business services
Food and drug inspector	III	Appraising and investigating work
Welfare director	IV	Administration
Manager, store	IV	Managerial work
Public relations worker	IV	Promotion and publicity
Purchasing agent	IV	Purchasing and sales work
Community-relations and service advisor (public housing)	IV	Guidance and counseling
Child welfare caseworker	IV	Guidance and counseling
Urban sociologist	IV	Social science, psychological and related research
Syndicate news specialist	III	Journalism and editorial work
Feature reporter	III	News reporting and related work

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupation	Level	Type of Work
CONSTRUCTION		
Real estate lawyer	II	Legal and related work
Right-of-way agent	III	Contract negotiating and related work
Contractor	III	Managerial work
Land use technician	III	Investigating, protecting, and related work
Safety and sanitary inspector	III	Investigating, protecting, and related work
Sales superintendent	III	Purchasing and sales work
Highway inspector	III	Appraising and investigating work
House builder	III	Craftsmanship in building structures
Highway engineer	IV	Engineering research and design
Labor economist	IV	Social science, psychological and related research
Purchase price analyst	IV	Accounting, auditing and related work
ENVIRONMENT		
Lecturer	II	High school, college, university and related instruction
Field health officer	III	Investigating, protecting, and related services
Plant quarantine inspector	III	Appraising and investigating work
General farmer	III	Cropping, animal farming, gardening, etc.
Public health bacteriologist	IV	Materials analysis and related work
Sanitary engineer	IV	Engineering research and design
Economist	IV	Social science, psychological and related research
Political scientist	IV	Social science, psychological and related research

Occupation	Level	Type of Work
Environment continued.		
City manager	IV	Administration
Public works commissioner	IV	Administration
Property disposal officer (govt.)	IV	Managerial work
Lawyer	IV	Legal and related work
FINE ARTS AND HUMANITIES		
School social worker	II	Guidance and counseling
Historial society director	IV	Journalism and editorial work
Historic sites supervisor	IV	Administration
Genealogist	IV	Social science, psychological and related research
Parole officer	IV	Guidance and counseling
International broadcast script writer	IV	Creative writing
Business manager	IV	Contract negotiating and related work
Copyright manager	IV	Managerial work
HEALTH		
Hospital insurance representative	II	Information gathering, dispensing, verifying and related work
Public health director	IV	Administration
Hospital superintendent	IV	Administration
Health physicist	IV	Health physics

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupation	Level	Type of Work
MANUFACTURING		
Labor relations specialist	IV	Labor or management representation
Industrial relations director	IV	Administration
Lobbyist	IV	Contract negotiating and related work
Patent lawyer	IV	Legal and related work
Tax attorney	IV	Legal and related work
International trade economist	IV	Social science, psychological and related research
Administrative assistant	IV	Managerial work
MARINE SCIENCE		
Navigation instructor	II	Industrial training
Drilling and production superintendent	III	Managerial work
Oceanographer	IV	Scientific research
Marine engineer	IV	Engineering research and design
Admiralty lawyer	IV	Legal and related work
MARKETING AND DISTRIBUTION		
Store detective	II	Protecting and related work
Repossesser	II	Payment solicitation
Real estate broker	III	Demonstration and sales
Importer-exporter	III	Managerial work
Tax accountant	IV	Accounting, auditing and related work
Market research analyst	IV	Collection of potential sales data
Contract and order administrator	IV	Administration

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupations	Level	Type of Work
MEDIA AND COMMUNICATIONS		
Interpreter	IV	Radio announcing and related work
Foreign correspondent	IV	Translating, editing, and related work
Publications superintendent	IV	Journalism and editorial work
International programs director	IV	Managerial work
Public services director	IV	Administration
Broadcast news analyst	IV	Journalism and editorial work
RECREATION AND HOSPITALITY		
International bilingual writer-announcer	II	Radio announcing and related work
Travel clerk	II	Information gathering, dispensing, verifying
Travel guide	IV	Scheduling, dispatching, expediting, etc.
Booking agent	IV	Contract negotiating
Archeologist	IV	Social science, psychological, and related research
Tourist director	IV	Managerial work
PERSONAL SERVICE		
Airplane flight attendant	II	Miscellaneous personal service
Loan counselor	IV	Consultative and business services
Manager trainee	IV	Managerial work
Foreign student advisor	IV	Guidance and counseling
Parole officer	IV	Guidance and counseling

GOVERNMENT AND INTERNATIONAL RELATIONS

Occupation	Level	Type of Work
PUBLIC SERVICE		
Home economist	II	Vocational education
Foreign langu[illegible]eacher	II	High school, college, university instruction
Insurance examiner	III	Investigating, protecting and related work
Narcotics investigator	III	Investigating, protecting, and related work
Building inspector	III	Investigating, protecting, and related work
Admeasurer	III	Appraising and investigating work
Community relations and service advisor	IV	Guidance and counseling
Geographer	IV	Mathematics, physical sciences and related research
Demographer	IV	Mathematics, physical sciences, etc.
District attorney	IV	Legal and related work
Police chief	IV	Administration
Foreign service officer (govt)	IV	Administration
Securities and real estate director	IV	Managerial work
Revenue agent	IV	Managerial work
International trade economist	IV	Social science, psychological, and related research
TRANSPORTATION		
Freight traffic consultant	III	Interviewing, information giving, etc.
Chief airplane flight attendant	III	Instructs flight attendants
Airport superintendent	IV	Administration
Traffic manager	IV	Managerial work

HIGHER MATHEMATICS

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Appraiser	III	Estimation of value
Mining investigator	IV	Engineering and related work
Aerial photograph interpreter	III	Surveying, prospecting, etc.
Fish culturist	IV	Engineering, scientific and technical coordination
Park naturalist	II	High school, college, university instruction
Field representative	III	Consultative and business services
Labor relations specialist	IV	Labor or management representation
Grain buyer	IV	Managerial work
Topographical photography surveyor	IV	Drafting and related work
Geophysical prospecting permit agent	IV	Contract negotiating, etc.
Agrogeologist	IV	Scientific research
Mining engineer	IV	Engineering research and development
Agricultural economist	IV	Social science, psychological research
Estimator	IV	Labor and materials cost estimation
Technical publication writer	IV	Technical writing and related work
Trade or technical publication editor	IV	Journalism and editorial work
BUSINESS AND OFFICE		
Personnel recruiter	II	Interviewing, information gathering, etc.
Budget consultant	II	Consultative and business service
Foreign exchange trader	IV	Translating, editing, etc.
Insurance claim examiner	III	Title and contract search and analysis

HIGHER MATHEMATICS

Occupation	Level	Type of Work
Business and Office continued.		
Insurance special agent	IV	Managerial work
Internal auditor	IV	Accounting, auditing, etc.
Business programer	IV	Mathematics, physical sciences, and related work
Contract and order administrator	IV	Administration
CONSUMER-HOMEMAKING		
Research nutritionist	IV	Scientific research
Social psychologist	IV	Social science physiological research
Market research analyst	IV	Collection of potential sales data
Technical education teacher	II	High school, college, university instruction
Food and drug inspector	III	Appraising, investigating
Family financial specialist	II	Consultative and business service
CONSTRUCTION		
Civil drafter	III	Drafting and related work
Soil scientist	IV	Scientific research
Material engineer	IV	Engineering research and design
Cost accountant	IV	Accounting, auditing, etc.
Structural steel inspector	III	Appraising, investigating, etc.
Contractor	IV	Administration

HIGHER MATHEMATICS

Occupation	Level	Type of Work
ENVIRONMENT		
Forest engineer	IV	Engineering and related work
Sanitary engineer	IV	Engineering research and design
Economist	IV	Social science, psychological research
Urban planner	IV	Administration
Research and development director	IV	Administration
Plant pathologist	IV	Scientific research
Acoustics physicist	IV	Scientific research
FINE ARTS AND HUMANITIES		
Museum curator	IV	Administration
Anthropologist	IV	Social science, psychological research
Art appraiser	IV	Appraising and investigating work
Architect	IV	Engineering research design
HEALTH		
Health physicist	IV	Health physics
Cytologist	IV	Scientific research
Electrical research engineer	IV	Engineering research and design
Sewage disposal engineer	IV	Engineering research and design
Chief medical technician	IV	Engineering, scientific and technical coordination
Hospital superintendent	IV	Administration
Experimental psychologist	IV	Social science, psychological research

HIGHER MATHEMATICS

Occupation	Level	Type of Work
MANUFACTURING		
Mechanical engineer	IV	Engineering research and design
Safety engineer	IV	Scientific research
Operations research analyst	IV	Mathematics, physical science, etc.
Research director	IV	Administration
Packaging engineer	IV	Engineering and related work
Production planner	IV	Industrial engineering and related work
Purchasing engineer	IV	Purchasing and sales work
Administrative assistant	IV	Managerial work
Quality control director	IV	Engineering, scientific and technical coordination.
MARINE SCIENCE		
Photogeologist	IV	Scientific research
Biochemist	IV	Scientific research
Marine architect	IV	Engineering research and design
Instrumentation technician	IV	Technical work, engineering and related work
Geophysical prospecting surveyor	III	Surveying, prospecting, etc.
Engineering and science programer	IV	Mathematics, physical science and related work
Archeologist	IV	Social science, psychological research
Photogrammetric engineer	IV	Engineering and related work
MARKETING AND DISTRIBUTION		
Job analyst	IV	Social science, psychological research
Market research analyst	IV	Collection of potential sales data

Occupation	Level	Type of Work
Marketing and distribution continued.		
Marketing and advertising statistician	IV	Mathematics, physical science and related work
Business programmer	IV	Accounting, auditing
Contract and order administrator	IV	Administration
MEDIA AND COMMUNICATIONS		
Instrumentation technician	IV	Technical work, engineering and related work
Audio engineer	IV	Engineering research and design
Radio-research engineer	IV	Engineering research and design
Operations broadcast director	IV	Managerial work
Mechanical engineering technician	IV	Technical work, engineering and related work
PUBLIC SERVICE		
International trade economist	IV	Social science, psychological research
Water and sewer system superintendent	IV	Engineering, scientific and technical coordination
Traffic engineer	IV	Industrial engineering and related work
Seismologist	IV	Scientific research
Demographer	IV	Mathematics, physical sciences and related work

HIGHER MATHEMATICS

Occupation	Level	Type of Work
Public Service continued.		
Medical officer	IV	Medical, veterinary and related services
Methods engineer	IV	Industrial engineering and related work
RECREATION AND HOSPITALITY		
Anthropologist	IV	Social science, psychological research
Horticulturalist	IV	Scientific research
Aquatic biologist	IV	Scientific research
Archeologist	IV	Social science psychological research
TRANSPORTATION		
Radio design engineer	IV	Engineering research and design
Aeronautical engineer	IV	Engineering research and design
Airport engineer	IV	Engineering research and design
Construction engineer	IV	Engineering research and design

HISTORY

Cluster / Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Stratigrapher	IV	Scientific research
Petrologist	IV	Scientific research related to earth's crust
Trade or technical publication editor	IV	Journalism and editorial work
CONSUMER-HOMEMAKING		
Anthropologist	IV	Social science, psychological and related research
Urban sociologist	IV	Social science, psychological and related research
Columnist	III	Journalism and editorial work
Clothes designer	III	Art work
Cloth designer	III	Art work
Commercial designer	III	Art work
ENVIRONMENT		
Urban sociologist	IV	Social science, psychological and related research
Rural sociologist	IV	Social science, psychological and related research
Economist	IV	Social science, psychological and related research
Political scientist	IV	Social science, psychological and related research

Occupation	Level	Type of Work
Environment continued.		
Urban planner	IV	Administration
Extension service director	IV	Administration
Lawyer	IV	Legal and related work
Paleontologist	IV	Analysis and classification of rock samples
Stratigrapher	IV	Scientific research
FINE ARTS AND HUMANITIES		
Art teacher	I	Instructive work, fine arts, music, etc.
Drama teacher	I	Instructive work, fine arts, music, etc.
Actor/actress	I	Dramatics
Clergy	I	Performs religious functions
Paintings restorer	III	Artistic restoration, decorating and related work
Artist (wallpaper)	III	Artistic restoration, decorating and related work
Archeological assistant	III	Artistic restoration, decorating and related work
Architect	III	Engineering research and design
State historical society director	IV	Journalism and editorial work
Historic sites supervisor	IV	Administration
Museum curator	IV	Administration
Biographer	IV	Social science, psychological and related research
Dramatic arts historian	IV	Social science, psychological and related research
Ethnologist	IV	Social science, psychological and related research
Stage scenery designer	III	Art work

Occupation	Level	Type of Work
Fine Arts and Humanities continued.		
Art director	III	Decorating and art work
Interior designer and decorator	III	Decorating and art work
Playwright	IV	Creative writing
Archivist	IV	Managerial work
MANUFACTURING		
Industrial economist	IV	Social science, psychological and related research
International trade economist	IV	Social science, psychological and related research
MEDIA AND COMMUNICATIONS		
Foreign correspondent	III	Translating, editing, and related work
Foreign news translator	III	Translating, editing, and related work
Script writer	IV	Creative writing
Research director (motion pictures)	IV	Administration
PUBLIC SERVICE		
District attorney	IV	Legal and related work
Urban planner	IV	Administration
Acquisitions librarian	IV	Title and contract search and analysis

Occupation	Level	Type of Work
Public Service continued.		
International trade economist	IV	Social science, psychological and related research
Labor economist	IV	Social science, psychological and related research
RECREATION AND HOSPITALITY		
Art director	III	Decorating and art work
Museum technician	III	Artistic restoration, decorating and related work
Historic sites supervisor	IV	Social science, psychological and related research
Dramatic arts historian	IV	Social science, psychological and related research

Cluster	Occupation	Level	Type of Work
COMMUNICATIONS AND MEDIA			
	Food editor	III	Journalism and editorial work
	Food Columnist	III	Journalism and editorial work
	Motion picture shopper	III	Purchasing and sales work
	Wardrobe specialty worker	III	Making and altering accessories
	Clothes designer	III	Art work
	Costumes supervisor	III	Supervisory work
	Fashion editor	III	Journalism and editorial work
	Fashion columnist	III	Journalism and editorial work
	Syndicate news specialist	IV	Journalism and editorial work
	Columnist	IV	Journalism and editorial work
	Miniature set constructor	III	Art work
	Columnist	IV	Journalism and editorial work
	Dramatic arts historian	IV	Social science, psychological research
	Set decorator	III	Decorating and art work
CONSUMER-HOMEMAKING			
	Baker	III	Manipulating
	Meat cutter	III	Manipulating
	Food assembler	I	Manipulating
	Camp waitress/waiter	I	Miscellaneous personal service work
	Cafeteria counter attendant	I	Miscellaneous personal service work
	Occupational therapist	II	Therapeutic and related work
	Industrial arts therapist	II	Therapeutic and related work
	Food demonstrator	II	Demonstration and sales
	Family dinner service specialist	II	Cooking and related work
	Family finance specialist	II	Consultative and business services

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Dietitian	II	Supervisory and instructive work
Quality control technician	III	Inspecting and stock checking
Food controller	III	Computing and related work
Home health aide	II	Child and adult care
Food preparation tester	III	Materials analysis
Food and drug inspector	III	Appraising and investigating work
Home service director	IV	Managerial work
Kitchen supervisor	IV	Managerial work
Research nutritionist	IV	Scientific research
Technical publications writer	IV	Creative writing
Hand presser	I	Manipulating
Laundry worker/attendant	I	Manipulating
Fashion model	I	Modeling and related work
Clothing maintenance specialist	II	Miscellaneous personal service
Bridal consultant	II	Demonstration and sales work
Apparel sales worker	II	Demonstration and sales work
Hemmer	II	Machine hemming of garments
Alteration tailor	II	Alteration of garments
Costumer	II	Costuming, tailoring, and dressmaking
Dressmaker	II	Costuming, tailoring, and dressmaking
Sales clerk	II	Customer service work
Consumer home economist	II	Vocational education
Fur repair inspector	III	Inspecting and stock checking
Cutting inspector	III	Sorting, inspecting, measuring and related work
Garment alteration examiner	III	Sorting, inspecting, measuring and related work
Drapery and upholstery estimator	III	Computing and related work
Sewing machine operator	III	Operating, controlling

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Pattern chart writer	III	Pattern instructions and scale drawings
Hat maker	III	Precision work
Clothes designer	IV	Art work
Fashion artist	IV	Art work
Garment copyist	IV	Artistic restoration, decorating, and related work
Child care attendant	I	Child care
Occupational therapist	II	Therapeutic and related work
Recreational therapist	II	Therapeutic and related work
Child mentor	II	Instructs children in private household
Community organization director	IV	Administration
Welfare director	IV	Administration
Community relations and service advisor (public housing)	IV	Guidance and counseling
Child psychologist	IV	Social science, psychological research
Council on aging director	IV	Administration
Family caseworker	IV	Guidance and counseling
Furniture finisher or refinisher	I	Craftsmanship in furniture refinishing
Furniture cleaner	I	Manipulating
Color consultant	III	Decorating and art work
Interior designer and decorator	III	Decorating and art work
Window cleaner	I	Handling
Public housing management aid	II	Information gathering, dispensing, verifying
Home service representative	II	Demonstration and sales work
Furniture sales worker	II	Demonstration and sales work
Upholstery measurer	II	Measuring and sketching to scale
Drapery hanger	III	Manipulating
Hand chair caner	III	Manipulating
Machine rug cleaner	III	Operating, controlling
Furniture upholsterer	III	Repair of upholstered furniture

HOME ECONOMICS

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Furniture repairer	III	Rebuilding and repair of furniture
Painter and decorator	III	Precision work
Relocation commissioner	IV	Administration
Home lighting demonstration supervisor	IV	Managerial work
Home service director	IV	Managerial work
CONSTRUCTION		
Interior designer and decorator	II	Decorating and art work
House builder	III	Craftsmanship in building structures
Architectural modeler	III	Artistic restoration, decorating and related work
Mobile home installer	III	Manipulating
HEALTH		
Formula room worker	I	Handling
Occupational therapy aid	III	Nursing, x-ray, and related services
Therapeutic dietitian	III	Supervisory and instructive work
Food chemist	IV	Scientific research
General practitioner	IV	Medical, veterinary, and related services
Chief dietitian	IV	Administration
Public health nursing director	IV	Administration
Home health aide	II	Child and adult care
Orderly	I	Child and adult care
Nurses aid	I	Child and adult care
Manual arts therapist	II	Therapeutic and related work
Medical social worker	IV	Guidance and counseling

HOME ECONOMICS

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Art teacher	I	Instructive work, fine arts, etc.
Actor, actress	I	Dramatics
Dramatic reader	I	Dramatics
Drama teacher	I	Instructive work, fine arts, etc.
Story teller	I	Creative entertainment work
Mime	I	Creative entertainment work
Group worker	II	Guidance and counseling
School social worker	II	Guidance and counseling
Group work program aid	II	Miscellaneous instruction
Recreational therapist	III	Therapeutic and related work
Sociologist	IV	Social science, psychological research
Anthropologist	IV	Social science, psychological research
Parole officer	IV	Guidance and counseling
Delinquency prevention social worker	IV	Guidance and counseling
Playwright	IV	Creative writing
Script writer	IV	Creative writing
Toy designer	III	Art work
Sketch portraitist	III	Art work
Sculptor	III	Art work
Artist's model	I	Modeling and related work
Lace and textiles restorer	III	Artistic restoration, decorating, etc.
Dramatic arts historian	IV	Social science, psychological research
Fashion artist	III	Art work
Clothes designer	III	Art work
Costumer	III	Costuming, tailoring, dressmaking
Wardrobe specialty worker	III	Making and altering accessories

HOME ECONOMICS

Occupation	Level	Type of Work
MANUFACTURING		
Industrial cafeteria manager	III	Supervisory work
Garment industry training supervisor	I	Training services
Sewing machine operator	III	Operating, controlling
Sanforize tester	III	Inspecting and stock checking
Apparel manufacturing instructor	III	Industrial training
Textile chemist	IV	Scientific research
Time study engineer	IV	Industrial engineering and related work
Industrial health engineer	IV	Industrial engineering and related work
Personnel manager	IV	Administration
Training supervisor	III	Training services
Clothes designer	III	Art work
Cloth designer	III	Art work
Furniture designer	III	Art work
Furniture reproducer	III	Artistic restoration, decorating, etc.
MARKETING AND DISTRIBUTION		
Market manager	III	Managerial work
Concession supervisor	III	Managerial work
Perishable fruit inspector	III	Inspecting and stock checking
Buyer	III	Purchasing and sales work
Demonstrator	II	Demonstration and sales
Commission agent	III	Purchasing and sales work
Food sales worker	II	Demonstration and sales
Apparel stock worker	I	Handling
Apparel sales worker	II	Demonstration and sales
Dressmaker	II	Costuming, tailoring and dressmaking
Master tailor	II	Costuming, tailoring and dressmaking
Buyer's assistant	III	Purchasing and sales work
Fashion coordinator	III	Purchasing and sales work

Occupation	Level	Type of Work
Marketing and Distribution continued.		
Store manager	III	Managerial work
Garment examiner (retail)	III	Sorting, inspecting, measuring
Stock clerk (apparel shop)	III	Inspecting and stock checking
Public relations worker	IV	Promotion and publicity
Advertising assistant	IV	Promotion and publicity
Sales manager	IV	Administration
Training representative	III	Training services
Sales worker	II	Demonstration and sales
Manufacturer's representative	III	Purchasing and sales work
Real estate broker	II	Demonstration and sales
Furniture store manager	III	Managerial work
Floor coverings store manager	III	Managerial work
Window display trimmer	IV	Art work
PERSONAL SERVICE		
Home health aide coordinator	IV	Supervisory work
House parent	IV	Supervisory work
Budget consultant	II	Consultative and business services
Dietary consultant	IV	Supervising and instructive work
Nutritionist	II	Supervising and instructing work
Airplane flight attendant	II	Miscellaneous personal service
Counselor	IV	Guidance and counseling
Caseworker	IV	Guidance and counseling
Parish worker	IV	Guidance and counseling
Nutritionist	IV	Supervising and instructing work

HOME ECONOMICS

Occupation	Level	Type of Work
PUBLIC SERVICE		
Home economist	II	Vocational education
Educational therapist	II	High school, college, university instruction
School psychologist	IV	Guidance and counseling
School social worker	IV	Guidance and counseling
Social welfare administrator	IV	Administration
Council on aging director	IV	Administration
Urban sociologist	IV	Social science, psychological research
Building inspector	III	Investigating, protecting, and related work
Real estate appraiser	III	Appraising and investigating work
Child welfare caseworker	IV	Guidance and counseling
Relocation commissioner	IV	Managerial work
Housing authority manager	IV	Managerial work
Home service representative	II	Demonstration and sales work
Home lighting advisor	II	Demonstration and sales work
RECREATION AND HOSPITALITY		
Recreation leader	II	Miscellaneous instruction
Hotel and restaurant manager	IV	Administration
Catering manager	IV	Managerial work
Commissary manager	IV	Managerial work
Camp waitress, waiter	IV	Miscellaneous personal service
Purchasing agent	III	Purchasing and sales work
Foreign food cook	II	Cooking and related work
Baker	II	Cooking and related work
Kitchen research worker	III	Appraising and investigating work
Cake decorator	III	Decoration of cakes and pastries
Chef de froid	III	Artistic sculpting and decoration of food
Food service supervisor	IV	Supervisory work
Ranch cook	III	Cooking and related work

Occupation	Level	Type of Work
Recreation and Hospitality continued.		
Food controller	III	Computing and related work
Cartoonist	III	Art work
Social psychologist	IV	Social science, psychological research
Sociologist	IV	Social science, psychological research
Recreation director	IV	Managerial work
Group work program director	IV	Managerial work
TRANSPORTATION		
Mess cook	III	Cooking and related work
Railroad cook	III	Cooking and related work
Flight kitchen manager	IV	Supervisory work
ENVIRONMENT		
Safety clothing and equipment development designer	IV	Art work

Cluster

Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Map drafter	IV	Drafting and related work
Photogrammetrist	IV	Drafting and related work
Mining engineer	IV	Engineering research and design
Industrial arts teacher	III	High school, college, university instruction
Topographical photography surveyor	IV	Drafting and related work
Logging operations inspector	III	Appraising and investigating work
Log grader	III	Inspecting and stock checking
Maintenance mechanic	III	Machine adjustment and repair
Electrical prospecting observer	IV	Surveying, prospecting and related work
Geophysical prospecting electrical engineer	IV	Engineering research and design
CONSTRUCTION		
Cabinet maker	II	Set-up and/or all-around machine operating
Architectural engineer	IV	Engineering research and design
Landscape gardener	II	Cropping and gardening, etc.
House builder	III	Craftsmanship in building structures
Architectural drafter	III	Drafting and related work
Structural drafter	III	Drafting and related work
Highways designer	III	Drafting and related work
Landscape arthitect	IV	Engineering research and design
Civil engineer	IV	Engineering research and design
Architect	IV	Engineering research and design
Heating and ventilating drafter	III	Drafting and related work
Plumbing drafter	III	Drafting and related work
Architectural modeler	III	Artistic restoration, decoration, and related work

Occupation	Level	Type of Work
Construction continued.		
Carpenter helper	I	Handling
Roofer helper	I	Handling
Industrial arts instructor	II	High school, college, university instruction
Cabinetmaker	II	Set-up and/or all-around machine working
Rough carpenter	III	Precision working
Dry wall applicator	III	Manipulating
Wrecker	III	Manipulating
House builder	III	Craftsmanship in building structures
Building-insulation carpenter	III	Insulation installation
Contractor	III	Managerial work
Construction superintendent	III	Managerial work
Architectural modeler	III	Artistic restoration, decorating and related work
Construction engineer	IV	Engineering research and design
Architectural engineer	IV	Engineering research and design
Structural steel inspector	III	Appraising and investigating work
Structural steel worker	III	Precision working
Pipe fitter helper	III	Manipulating
Plumber helper	III	Manipulating
Lathe operator	III	Tending
Reinforcing steel worker	III	Handling
Master maintenance mechanic	III	Supervisory work
Ornamental iron worker	III	Installation of ironwork
Apprentice plumber	III	Contractual skilled worker training
Metal fabricator	III	Fabrication and assembling of structural metal products
Machine set-up operator	III	Set-up and/or all-around machine operating
Commercial air-conditioning mechanic	III	Installation and servicing of air-conditioning units
Contractor	IV	Managerial work
Pipe-line construction inspector	III	Inspecting and stock checking
Structural engineer	IV	Engineering research and design

Occupation	Level	Type of Work
Construction continued.		
Electrician	III	Electrical installation and repair
Electrician helper	III	Handling
Electrician foreman/forelady	III	Supervisory work
Safety and sanitary inspector	III	Investigating, protecting and related work
FINE ARTS AND HUMANITIES		
Architect	IV	Engineering research and design
Landscape architect	IV	Engineering research and design
Decorative engraver	III	Craftsmanship in lettering and design
Jewelry model maker	III	Craftsmanship in model preparation
Ornamental metal worker helper	III	Manipulating
Stage scenery designer	III	Art work
Sculptor	IV	Art work
MANUFACTURING		
Mechanical drafter	III	Drafting and related work
Patent drafter	III	Drafting and related work
Technical illustrator	III	Drafting and related work
Manufacturing engineer	IV	Engineering and related work
Electrical engineer	IV	Engineering and related work
Tool designer	IV	Engineering research and design
Industrial designer	IV	Art work
Die designer	III	Drafting engineering and related work
Factory layout worker	IV	Layout of materials and equipment for processing
Industrial engineering technician	IV	Industrial engineering and related work
Auto-body-design detailer	III	Drafting and related work
Mechanical engineering technician	IV	Technical work, engineering and related fields

Occupation	Level	Type of Work
Manufacturing continued.		
Modelbuilder	III	Precision working
Production foreman/forelady	III	Supervisory work
Hand driller	III	Manipulating
Sample worker	III	Manipulating
Drill punch operator	III	Tending
Power screw-driver operator	III	Tending
Machine sander	III	Manipulating
Auto sample-body builder	III	Set-up and/or all-around machine operating
Cabinet assembler	III	Manipulating
Furniture finisher	III	Craftsmanship in furniture refinishing
Wood carver (hand)	III	Craftsmanship in wood carving
Wood patternmaker	III	Craftsmanship in wood patterns
Planer operator	III	Operating, controlling
Metal fabrication foreman	III	Supervisory work
Machinery set-up foreman	III	Supervisory work
Machine shop foreman (production)	III	Supervisory work
Metal patternmaker	III	Craftsmanship in metal foundry patterns
Precision assembler	III	Craftsmanship in electromechanical work
Instrument maker	III	Set-up and/or all-around machine operating
Experimental machinist	III	Set-up and/or all-around machine operating
Tool and die maker	III	Set-up and/or all-around machine operating
Grinder set-up operator	III	Operating, controlling
Production lathe operator	III	Tending
Machine set-up operator	III	Set-up and/or all-around machine operating
Grinder operator	III	Operating controlling

Occupation	Level	Type of Work
Manufacturing continued.		
Boring machine operator	III	Operating, controlling
Die setter (forging machine set-up)	III	Set-up and/or all-around machine operating
Riveting machine operator	III	Tending
Returned materials inspector	III	Inspecting and stock checking
Riveter	III	Manipulating
Sheet metal worker	III	Craftsmanship in work with sheet metal
Welding machine operator	III	Operating, controlling
Jewelry mold-maker helper	III	Handling
Roll-operator helper	III	Handling
Wire-drawing-machine tender	III	Tending
Mechanical engineer	IV	Engineering research and design
Metallurgist	IV	Engineering research and design
Mechanical and electrical inspector	III	Inspecting and stock checking
Electric motor winder	III	Manipulating
Instrument repairer	III	Maintenance of measuring and control instruments
Electronics technician	III	Testing and repair of electronic parts
Safety inspector	III	Appraising and investigating work
Electrical engineer	IV	Engineering research and design
MARINE SCIENCE		
Marine surveyor	III	Surveying, prospecting and related work
Marine architect	IV	Engineering research and design
Photogrammetric engineer	IV	Engineering and related work
Mapping supervisor	IV	Engineering, scientific and technical coordination
Ship detail drafter	III	Drafting and related work

Occupation	Level	Type of Work
Marine Science continued.		
Marine electrician helper	I	Manipulating
Electrical instrument repairer	III	Calibration, testing and repair
Marine electrician	III	Craftsmanship in electric installation and repair
Electrical technician	IV	Technical work, engineering and related work
Instrumentation technician	IV	Technical work, engineering and related work
Marine engine machinist	III	Installation and testing of machines
Marine engineer	IV	Engineering research and design
PUBLIC SERVICE		
Traffic engineer	IV	Industrial engineering
Methods engineer	IV	Industrial engineering
Geodetic computer	IV	Surveying, prospecting and related work
Sanitary engineer	IV	Engineering research and design
Street light repairer	III	Manipulating
Electrical installation inspector	III	Supervisory work
Electric-meter tester	III	Testing and adjustment of meters
Power transformer repairer	III	Craftsmanship in transformer repair
Electrical installation inspector	III	Supervisory work
Electrical engineer	IV	Engineering and related work
Plant engineer (electrical)	IV	Engineering and related work
TRANSPORTATION		
Construction engineer	IV	Engineering research and design
Radio design engineer	IV	Engineering research and design

Occupation	Level	Type of Work
Transportation continued.		
Instrumentation technician	III	Technical work, engineering and related work
Aircraft ignition specialist	III	Technical work, engineering and related work
Automotive generator and starter repairer	III	Testing, repairing and rebuilding starters
Electric motor analyst	III	Diagnosis of motor problems
Radio design engineer	IV	Engineering research and design
Electrical engineer	IV	Engineering research and design
COMMUNICATION AND MEDIA		
Radio engineer	IV	Engineering and related work
Cable engineer	IV	Engineering and related work
Photoengraving sketchmaker	III	Craftsmanship in design
Sign painter	III	Craftsmanship in design and letter layout
Silk screen cutter	III	Craftsmanship in stencil design
Prop maker	III	Craftsmanship in fabrication of sets and props
Miniature set constructor	IV	Model set construction
Public address service worker	II	Installation and repair of sound systems
Radio communications equipment installer	II	Installation and repair of radio systems
Communication equipment sales representative	II	Demonstration and sales
Instrument foreman/forelady	II	Supervisory work
Guided missile electronic inspector	III	Testing for compliance to specifications
Field technician	III	Radio and television transmitting
Field engineer	III	Installation and repair of electronics equipment

Occupation	Level	Type of Work
Communications and Media continued.		
Design and development engineer	IV	Engineering research and design
Radio research engineer	IV	Engineering research and design
Electrical technician	IV	Technical work, engineering and related work
Instrumentation technician	IV	Technical work, engineering and related work
Radio and television service-repairer	II	Adjustment and repair of radio and TV
Electrical instrument repairer	II	Testing and repair of electrical instruments
Set electrician	III	Supervisory work
MARKETING AND DISTRIBUTION		
Window display trimmer	III	Art work
Electronic components sales representative	III	Demonstration and sales
Television service and repairer	III	TV adjustment and repair
CONSUMER-HOMEMAKING		
Furniture-finisher, refinisher	I	Craftsmanship in furniture refinishing
Furniture repairer	III	Craftsmanship in repair of furniture
Furniture reproducer	III	Artistic restoration, decorating, etc.
Electrical appliance service worker	III	Electric appliance installation and repair
ENVIRONMENT		
Junk buyer	I	Purchase and sales work
Forester aid	II	Technical work, sciences and related work
Park foreman/forelady	III	Supervisory work

Occupation	Level	Type of Work
Environment continued.		
Scientific helper	III	Technical work, sciences and related work
Environmental research test technician	III	Technical work, engineering and related work
Salvage engineer	IV	Engineering and related work
Automotive engineer	IV	Engineering research and design
Agricultural engineering technician	IV	Technical work, engineering and related work
Safety inspector	III	Appraising and investigating work
Agricultural aid	II	Technical work, sciences and related work
Safety engineer	IV	Engineering research and design
RECREATION AND HOSPITALITY		
Prop maker	III	Fabrication of sets and props
Gunsmith	III	Repair and modification of firearms
Stage electrician	III	Electric installation and repair
Electronic organ technician	III	Electronic organ testing, adjustment and repair
BUSINESS AND OFFICE		
Field service technician (computer)	III	Electronic computer installation and repair
HEALTH		
Instrument maker	III	Set-up and/or all-around machine operating
Electromedical equipment repairer	III	Electromedical equipment testing and repair
Electrical equipment engineer	IV	Engineering research and design
Electrical research engineer	IV	Engineering research and design

LITERATURE

Cluster / Occpation	Level	Type of Work
AGRI-BUSINESS		
Columnist	IV	Journalism and editorial work
CONSUMER-HOMEMAKING		
Companion	II	Child and adult care
Cottage parent	II	Child and adult care
News specialist	IV	Journalism and editorial work
Script writer	IV	Creative writing
Recreational therapist	II	Therapeutic and related work
COMMUNICATIONS AND MEDIA		
Art editor	IV	Journalism and editorial work
Playwright	IV	Creative writing
Art critic	IV	Creative writing
Literary writer	IV	Creative writing
Information specialist	IV	Radio announcing and related work
Writer-announcer	IV	Radio announcing and related work
Dramatic arts historian	IV	Social science, psychologocal and related research
Costumes supervisor	III	Supervisory work

LITERATURE

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Drama teacher	I	Instructive work in fine arts, music, theatre, etc.
Actor, actress	I	Dramatics
Story teller	I	Creative entertainment work
Parish worker	II	Guidance and counseling
Program group work aid	II	Miscellaneous instruction
Costumer	III	Costuming, tailoring, dressmaking
Recreational therapist	II	Therapeutic and related work
Acquisitions librarian	IV	Title contract search and analysis
Stage scenery designer	III	Art work
Scenario writer	IV	Creative writing
Editor	IV	Journalism and editorial work
Drama department editor	IV	Journalism and editorial work
Librarian, special collections	IV	Managerial work
MARKETING AND DISTRIBUTION		
Display trimmer	III	Art work
Poster and design artist	III	Art work
Salesperson, bookstore	II	Demonstration and sales
Buyer's assistant	III	Purchase and sales work
Manufacturer's representative	III	Purchase and sales work
Advertising sales representative	III	Demonstration and sales
Manager, bookstore	IV	Managerial work
PERSONAL SERVICE		
Counselor	II	Guidance and counseling
Clergy	II	Performance of religious functions

LITERATURE

Occupation	Level	Type of Work
PUBLIC SERVICE		
Secondary school teacher	II	High school, college, university and related instruction
College or university faculty member	II	High school, college, university and related instruction
	IV	Managerial work
Librarian	IV	Title and contract search and analysis
Librarian, acquisitions		
RECREATION AND HOSPITALITY		
Puppeteer	II	Creative entertainment
Master/Mistress of ceremonies	II	Radio announcing and related work
Recreation leader	II	Miscellaneous instruction
Camp counselor	II	Miscellaneous instruction
Bookmobile driver	II	Information gathering, dispensing, verifying etc.
Historian	IV	Social science, psychological, and related research
Program director, group work	IV	Managerial work

PHYSICS

Cluster / Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Maintenance machinist	III	Set-up and/or all-around machine operation
Instrument maker	III	Set-up and/or all-around machine operation
Technical education teacher	II	High school, college, university instruction
Mining engineer	IV	Engineering research and design
Agricultural engineer	IV	Engineering research and design
Geophysical prospecting electrical engineer	IV	Engineering research and design
Geophysical laboratory supervisor	IV	Engineering, scientific and technical coordination
Seismic prospecting observer	IV	Engineering, scientific and technical coordination
Gravity prospecting observer helper	I	Driving, operating
BUSINESS AND OFFICE		
Computer field service technician	III	Electronic computer installation and repair
COMMUNICATION AND MEDIA		
Radio-television service repairer	II	Radio-TV testing, adjustment and repair
Electrical instrument repairer	II	Electric instrument testing and repair
Photographic foreman/forelady	III	Supervision of map and chart production

Occupation	Level	Type of Work
Communication and media continued.		
Sound technician	III	Installation and maintenance of equipment
Guided missile electronic inspector	III	Testing for compliance to specifications
Scientific photographer	III	Motion picture projecting, photographic machine work
Video recording engineer	III	Motion picture projecting, photographic machine work
Offset press operator	III	Operating, controlling
Motion picture recorder	III	Operating, controlling
Sound and laboratory engineer	IV	Materials analysis and related work
Radio research engineer	IV	Engineering research and design
Electrical technician	IV	Technical work, engineering and related work
Transmission engineer	IV	Engineering and related work
Radio investigator	III	Radio interference investigation
Master control engineer	III	Radio and television transmitting and receiving
CONSTRUCTION		
Laboratory tester	III	Materials analysis and related work
Pipe fitter helper	II	Manipulating
Engineering equipment mechanic helper	III	Manipulating
Building wrecking foreman/forelady	III	Supervisory work
House mover	III	Building relocation
Commercial air-conditioning mechanic	III	Installation, service, and repair of commercial units
Structural engineer	IV	Engineering research and design

PHYSICS

Occupation	Level	Type of work
CONSUMER-HOMEMAKING		
Electrical appliance service worker	III	Installation and repair of electric appliances
Home lighting demonstration supervisor	IV	Managerial work
Home service representative	II	Demonstration and sales work
ENVIRONMENT		
Scientific helper	III	Technical work, sciences and related work
Safety clothing and equipment development designer	III	Art work
Scientific photographer	III	Motion picture projecting, photographic machine work
Nuclear engineer	IV	Engineering research and design
Automotive engineer	IV	Engineering research and design
Agricultural engineering technician	IV	Technical work, engineering, and related work
Acoustics physicist	IV	Scientific research
Health physicist	IV	Health physics
Radiation monitor	III	Appraising and investigating work
Astronomer	IV	Mathematics, physical sciences and related research
Astrophysicist	IV	Mathematics, physical sciences and related research
Theoretical physicist	IV	Mathematics, physical sciences and related research
Meterologist	IV	Mathematics, physical sciences and related research

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Electronic organ tuner	III	Electronic organ testing and adjustment
Pipe organ voicer	III	Voicing of organ pipes
Photography colorist	III	Portrait coloring
Glassblower	IV	Precision work
Pipe organ maker	IV	Precision work
HEALTH		
Electrocardiograph technician	III	Nursing, x-ray and related services
Beveler	III	Precision work
Orthoptist	III	Nursing, x-ray and related services
Nuclear medical technician	IV	Technical work, engineering and related work
Optician	III	Preparation of lenses to specification
Electro-medical equipment repairer	III	Electro-medical equipment testing and repair
Optical technician	IV	Engineering research and design
Health physicist	IV	Health physics
Hearing clinician	IV	Medical, veterinarian and related services
Optical engineer	IV	Engineering research and design
Chief radiologic technician	IV	Engineering, scientific and technical coordination
X-ray equipment tester	III	Craftsmanship in testing x-ray equipment
Optical goods layout worker	III	Layout, cutting and mounting lenses
MANUFACTURING		
Glassblower	III	Precision work
Spectroscopist	III	Materials analysis and related work
Radiographer	III	Materials analysis and related work

PHYSICS

Occupation	Level	Type of Work
Manufacturing continued.		
Instrument repairer	III	Instrument testing and repair
Electrical technician	III	Testing and modification of equipment
Musical instrument tester	III	Sorting, inspecting, measuring and related work
Mechanical and electrical inspector	III	Inspecting and stock checking
Aeronautical engineer	IV	Engineering research and design
Electrical engineer	IV	Engineering research and design
Metallurgist	IV	Engineering research and design
Electromechanical technician	III	Fabrication adjustment and testing
Sheet metal worker	III	Craftsmanship in work with sheet metal
Industrial engineering technician	IV	Industrial engineering and related work
Mechanical engineering technician	IV	Technical work, engineering and related work
Agricultural engineering technician	IV	Technical work, engineering and related work
Electrogalvanizing machine operator	III	Operating, controlling
Industrial illuminating engineer	IV	Engineering research and design

MARINE SCIENCE

Geophysical prospecting surveyor	III	Surveying, prospecting, and related work
Marine engine machinist	III	Installation and testing of machines
Marine electrician	III	Electric installation and repair
Oceanographer	IV	Scientific research
Marine engineer	IV	Engineering research and design
Instrumentation technician	IV	Technical work, engineering and related work
Navigation instructor	II	Industrial training
Geophysicist	IV	Scientific research
Chief research engineer	IV	Engineering, scientific and technical coordination

PHYSICS

Occupation	Level	Type of Work
MARKETING AND DISTRIBUTION		
Television service repairer	III	Television adjustment and repair
Automotive maintenance equipment service worker	III	Repair of automotive maintenance equipment
PERSONAL SERVICE		
Piano tuner	III	Craftsmanship in piano tuning
PUBLIC SERVICE		
Police academy instructor	II	Instruction of police recruits
Gas meter repair helper	III	Handling
Electrical installation inspector	III	Supervisory work
Multiplex projection topographer	III	Drafting and related work
Stationary engineer	III	Operating, controlling
Ballistics expert	III	Appraising and investigating work
Power transformer repairer	III	Craftsmanship in transformer repair
Electric meter tester	III	Craftsmanship in testing meters
Hydro-electric station operator	III	Supervisory work
Street light service foreman/forelady	III	Supervisory work
Power plant engineer	IV	Engineering research and design
Civil engineer	IV	Engineering research and design
Chief waterworks engineer	IV	Engineering and related work
Transmission engineer	IV	Engineering and related work
Theoretical physicist	IV	Mathematics, physical sciences and related research
Hydrographer	IV	Surveying, prospecting and related work
Nuclear physicist	IV	Scientific research
Hydrologist	IV	Scientific research

SOCIOLOGY

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
County agricultural agent	II	Vocational education
Rural sociologist	IV	Social sciences, psychological and related research
CONSTRUCTION		
Architect	IV	Structural design and specification writing
Landscape architect	IV	Engineering research and design
Market research analyst	IV	Social science, psychological and related research
CONSUMER-HOMEMAKING		
Dietary consultant	II	Supervisory and instructive work
Extension service specialist	II	Vocational education
Consumer services home economist	II	Vocational education
Extension work instructor	II	High school, college, university and related instruction
Recreation leader	II	Miscellaneous instructive work
Camp counselor	II	Miscellaneous instructive work
Family finance specialist	II	Consultative and business services
Social psychologist	IV	Social science, psychological and related research
Social welfare research worker	IV	Social science, psychological and related research

SOCIOLOGY

Occupation	Level	Type of Work
Consumer-Homemaking continued.		
Urban sociologist	IV	Social science, psychological and related research
Sales education director	III	Training services
Welfare director	IV	Administration
Volunteer services director	IV	Managerial work
Public relations worker	IV	Promotion and publicity
Advertising assistant	IV	Promotion and publicity
Clothes designer	III	Art work
School social worker	III	Guidance and counseling
Group worker	III	Guidance and counseling
Community-relations and service advisor (public housing)	III	Guidance and counseling
ENVIRONMENT		
Lecturer	II	High school, college, university and related instruction
Urban sociologist	IV	Social sciences, psychological and related research
Industrial sociologist	IV	Social science, psychological and related research
Economic geographer	IV	Social science, psychological and related research
Urban planner	IV	Administration
Extension work director	IV	Administration
Conservation of resources commissioner	IV	Administration

SOCIOLOGY

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Drama teacher	I	Instructive work, fine arts, music, etc.
Actor/actress	I	Dramatics
Religious activities director	IV	Guidance and counseling
Social worker, school	IV	Guidance and counseling
Clergyman	IV	Performance of religious functions
Parish worker	IV	Guidance and counseling
Program aid group worker	IV	Miscellaneous instruction
Recreational therapist	IV	Therapeutic and related work
Biographer	IV	Social science, psychological and related research
Sociologist	IV	Social science, psychological and related research
Psychiatric social worker	IV	Guidance and counseling
Probation officer	IV	Guidance and counseling
Interior designer and decorator	III	Decorating and art work
Playwright	IV	Creative writing
Scenario writer	IV	Creative writing
HEALTH		
Auxiliary personnel supervisor	III	Supervisory and instructive work
Social pathologist	IV	Social science, psychological and related research
Social welfare research worker	IV	Social science, psychological and related research
Medical social worker	IV	Guidance and counseling
Psychiatric social worker	IV	Guidance and counseling
Volunteer services director	IV	Managerial work

SOCIOLOGY

Occupation	Level	Type of Work
MANUFACTURING		
Labor relations specialist	IV	Administration
Sales manager	IV	Administration
Advertising manager	IV	Administration
Lobbyist	IV	Contract negotiating and related work
Market research analyst	IV	Social science, psychological and related research
Engineering psychologist	IV	Social science, psychological and related research
Trainee manager	IV	Managerial work
Space analyst	IV	Industrial engineering and related work
MARINE		
Boats and nautical equipment sales worker	II	Demonstration and sales
MARKETING AND DISTRIBUTION		
Fashion coordinator	III	Purchasing and sales work
Time and space buyer	III	Purchasing and sales work
Advertising sales representative	III	Demonstration and sales
Store manager	III	Managerial work
Travel accommodations appraiser	III	Investigating, protecting, and related work
Sales education director	III	Training services
Public relations worker	IV	Promotion and publicity
Job analyst	IV	Social science and related research
Sales manager	IV	Administration

SOCIOLOGY

Occupation	Level	Type of Work
MEDIA AND COMMUNICATIONS		
Script writer	IV	Creative writing
Literary writer	IV	Creative writing
Syndicate news specialist	IV	Journalism and editorial work
Advertising illustrator	IV	Art work
Public services director	IV	Administration
PERSONAL SERVICE		
Pets and supplies sales worker	II	Demonstration and sales
Demonstrator	II	Demonstration and sales
Sightseeing guide	II	Information gathering, dispensing, etc.
Management aid	II	Information gathering, dispensing, etc.
House parent	III	Supervisory work
Budget consultant	II	Consultative and business services
Loan counselor	II	Consultative and business services
Funeral director	III	Managerial work
Reducing salon manager	III	Managerial work
Clergy	II	Performance of religious functions
Foreign student advisor	II	Guidance and counseling
Dietary consultant	II	Supervising and instructing work

SOCIOLOGY

Occupation	Level	Type of Work
PUBLIC SERVICE		
Police academy instructor	II	Instruction of police recruits
Park naturalist	II	High school, college, university instruction
Narcotics investigator	III	Investigating, protecting, and related work
School psychologist	IV	Guidance and counseling
Child welfare caseworker	IV	Guidance and counseling
Council on aging director	IV	Administration
Police chief	IV	Administration
Urban planner	IV	Administration
Relocation commissioner	IV	Managerial work
College or university department head	IV	Managerial work
Urban sociologist	IV	Social science and related research
Penologist	IV	Social science and related research
RECREATION AND HOSPITALITY		
Professional athletics coach	I	Physical education
Musical entertainer	I	Musical work
Storyteller	II	Creative entertainment
Mime	II	Creative entertainment
Master/mistress of ceremonies	II	Radio announcing and related work
Camp counselor	II	Miscellaneous instruction
Recreation leader	II	Miscellaneous instruction
Establishment guide	II	Information gathering, dispensing, etc.
Hobbies and crafts sales worker	II	Demonstration and sales
Promotion manager	IV	Administration

Occupation	Level	Type of Work
Recreation and Hospitality continued.		
Business agent	IV	Contract negotiating and related work
Social psychologist	IV	Social science and related research
Group work program director	IV	Managerial work
Golf club manager	IV	Managerial work
TRANSPORTATION		
Motor transportation safety engineer	III	Industrial training
Chief airplane flight attendant	III	Instruction of flight attendants
Travel accommodation appraiser	III	Interviewing, information giving, and related work
District sales representative	IV	Administration

Cluster Occupation	Level	Type of Work
AGRI-BUSINESS AND NATURAL RESOURCES		
Farm implement sales worker	II	Demonstration and sales
Harvest contractor	II	Purchasing and sales
General farmer	II	Cropping, animal farming, etc.
Appraiser	III	Accounting, auditing and related work
Oil well service dispatcher	III	Facilities, services, movement and expediting
Yield loss inspector	III	Inspecting and stock checking
Map clerk	III	Routine checking
Grain elevator shop clerk	III	Routine checking
Technical service manager	IV	Consultative and business services
Sales manager	IV	Administration
Bulk plant manager	IV	Administration
Warehouse manager	IV	Managerial work
Field contact agent	IV	Contract negotiating and related work
Columnist	IV	Journalism and editorial work
BUSINESS AND OFFICE		
Library registration clerk	I	Information gathering, dispensing, verifying
Food checker	I	Computing and related recording
Employment interviewer	II	Interviewing, information giving, and related work
Survey worker	II	Interviewing, information giving, and related work
Clerical technician	II	Consultative and business services
Credit reporter	II	Information gathering, dispensing, verifying and related work

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
Business and office continued.		
Executive secretary	II	Secretarial and related work
Computer operations supervisor	III	Supervisory work
Correspondence clerk	III	Correspondence and related work
Reference investigator	III	Information gathering, dispensing, verifying and related work
Shipping and receiving clerk	III	Inspecting and stock checking
Margin clerk (banking)	III	Computing and related recording
Abstractor	III	Title and contract search and analysis
Perforator typist	III	Typing and related recording
Integrator operator	III	Typing and related recording
Vari-typist	III	Typesetting, reproducing and related machine work
Bank routing clerk	III	Routine checking and recording
Escrow officer	III	Classifying, filing and related work
Order detailer	III	Classifying, filing and related work
Public stenographer	III	Stenographic and related work
Court reporter	III	Stenographic and related work
Account executive	IV	Managerial work
Business data processing project director	IV	Mathematics, physical sciences, and related research
Comptroller	IV	Administration
Insurance manager	IV	Administration
Bank cashier	IV	Administration

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
COMMUNICATIONS AND MEDIA		
Training supervisor	III	Training services
Schedule clerk	III	Routine checking and recording
Proofreader	III	Routine checking and recording
High speed printer operator	III	Typesetting, reproducing and related work
Program assistant	III	Scheduling, dispatching, expediting and related work
Data processing control clerk	III	Classifying, filing and related work
Foreign news translator	IV	Translating, editing, and related work
Copyright manager	IV	Managerial work
Telegraph office manager	IV	Managerial work
Syndicate news specialist	IV	Journalism and editorial work
CONSTRUCTION		
Right-of-way agent	III	Contract negotiating and related work
Progress clerk	III	Classifying, filing, and related work
Material lister	III	Computing and related recording
Labor expediter	III	Scheduling, dispatching, expediting and related work
Field cashier	III	Supervisory work
Contractor	IV	Managerial work
Land use technician	III	Investigating, protecting and related work
Internal auditor	IV	Accounting, auditing, and related work
Purchase price analyst	IV	Accounting, auditing and related work
Editing clerk	IV	Translating, editing, and related work
Underwriter	IV	Accounting, auditing, and related work

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
CONSUMER-HOMEMAKING		
Cafeteria food tabulator	I	Typing and related recording
Procurement clerk	II	Information gathering, dispensing, verifying
Apparel sales worker	II	Demonstration and sales work
Family finance specialist	II	Consultative and business services
Branch store manager	II	Customer service work
Laboratory tester	III	Inspecting and stock checking
Food controller	III	Computing and related work
Shopping investigator	III	Investigating and protecting work
Comparison shopper	III	Classifying, filing, and related work
Food columnist	III	Journalism and editorial work
Community organization director	IV	Administration
Home service director	IV	Managerial work
Catering manager	IV	Managerial work
Guest house manager	IV	Supervisory work
Research nutritionist	IV	Scientific research
ENVIRONMENT		
Property disposal officer (govt.)	IV	Managerial work
Lawyer	IV	Legal and related work
Soil conservationist	IV	Scientific research
Technical and scientific publications manager	IV	Journalism and editorial work
Research and development director	IV	Administration
Safety and sanitary inspector	IV	Investigating, protecting and related services

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
FINE ARTS AND HUMANITIES		
Music librarian	III	Classifying, filing and related work
Acquisitions librarian	III	Title contract search and analysis
Book editor	IV	Journalism and editorial work
Historic sites supervisor	IV	Administration
Business manager	IV	Contract negotiating and related work
Special collections librarian	IV	Managerial work
Radio communications translator	IV	Translating, editing, and related work
HEALTH		
Hospital admissions clerk	II	Information gathering, dispensing, verifying
Medical secretary	II	Information gathering, dispensing, verifying
Dental assistant	III	Nursing, x-ray, and related services
X-ray clerk	III	Nursing, x-ray, and related services
Medical and dental equipment sales representative	III	Demonstration and sales
Pharmacologist	IV	Scientific research
Nursing services director	IV	Administration
Central supply supervisor	IV	Managerial work
Credit and collection manager	IV	Managerial work

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
MANUFACTURING		
Training supervisor	I	Training services
Personnel clerk	II	Information gathering, dispensing, verifying, etc.
Adjustment clerk	II	Information gathering, dispensing, verifying, etc.
Statistical clerk	III	Computing and related work
Stock control clerk	III	Inspecting and stock checking
Labor relations specialist	IV	Administration
Personnel manager	IV	Administration
Corporate lawyer	IV	Legal and related work
Physical chemist	IV	Scientific research
Operations research analyst	IV	Mathematics, physical sciences, and related work
Trainee manager	IV	Managerial work
Cost accountant	IV	Accounting, auditing, and related work
MARINE SCIENCE		
Marine service manager	II	Managerial work
Ultrasonic equipment sales representative	II	Demonstration and sales
Oceanographer	IV	Scientific research
Admiralty lawyer	IV	Legal and related work
Engineering and science programer	IV	Mathematics, physical sciences, and related research
Scientific documents translator	IV	Translating, editing and related work
Field party geophysical prospecting manager	III	Managerial work

Occupation	Level	Type of Work
MARKETING AND DISTRIBUTION		
Mail order filler	I	Sorting, inspecting, measuring and related work
Telephone answering service operator	II	Switchboard service
Secretary	II	Secretarial and related work
Lay-away clerk	II	Customer service
Sales attendant	II	Customer service
General sales worker	II	Demonstration and sales
Order clerk	II	Information gathering, dispensing, verifying
Cashier-wrapper	II	Records sales, wraps packages
Mailing supervisor	III	Supervisory work
Real estate broker	III	Demonstration and sales
Credit and collection manager	III	Managerial work
Shopping investigator	III	Investigating, protecting, and related work
Paymaster	III	Computing and related recording
Route-return worker	III	Sorting, inspecting, measuring, etc.
Credit reporter	III	Information gathering, dispensing, verifying
Parts clerk	III	Inspecting and stock checking
Comparison shopper	III	Classifying, filing, and related work
Credit authorizer	III	Classifying, filing, and related work
Customer service specialist	III	Facilities, services, movement allocating and expediting work
Coin vending machine collector	III	Delivery and service
Advertising manager	IV	Administration
Business and economic statistician	IV	Mathematics, physical science, and related research
Internal auditor	IV	Accounting, auditing, and related work
Sales education director	III	Training services

TYPING AND OFFICE PRACTICE

Occupation	Level	Type of Work
PERSONAL SERVICE		
Delivery truck driver	I	Customer service
Pets and supplies sales worker	II	Demonstration and sales
Receptionist	II	Information gathering, dispensing, verifying
Home health aides coordinator	IV	Supervisory work
Loan counselor	II	Consultative and business services
Funeral director	IV	Managerial work
PUBLIC SERVICE		
Educational therapist	II	High school, college, university instruction
Registration clerk	II	Routine checking and recording
Property clerk	III	Sorting, inspecting, measuring and related work
Map editor	III	Drafting and related work
Drivers license examiner	III	Investigating, protecting, and related work
Postal inspector	III	Investigating, protecting, and related work
Climatologist	IV	Mathematics, physical sciences, and related research
Analytical chemist	IV	Scientific research
Art gallery curator	IV	Administration
Extension service director	IV	Administration
Librarian	IV	Managerial work
Patent examiner	IV	Title and contract search and analysis

Occupation	Level	Type of Work
RECREATION AND HOSPITALITY		
Sightseeing guide	I	Information gathering, dispensing, and related work
Athletic equipment custodian	I	Inspecting and stock checking
Clocker	II	Miscellaneous amusement and recreational work
Travel clerk	II	Information gathering, dispensing, verifying
Lodging facility manager	III	Supervisory work
Promotion manager	IV	Administration
Booking agent	IV	Contract netotiating and related work
Recreation director	IV	Managerial work
Tourist director	IV	Managerial work
TRANSPORTATION		
Lost and found clerk	II	Information gathering, dispensing, verifying
Freight receiving clerk	II	Inspecting and stock checking
Crating, moving estimator	II	Demonstration and sales
Taxi driver	II	Transportation service work
Car rental clerk	II	Customer service work
Crew scheduler	III	Classifying, filing, and related work
Traffic rate clerk	III	Computing and related recording
Train clerk	III	Routine checking and recording
Car supplier	III	Sorting, inspecting, measuring and related work
Dispatcher (airplanes)	III	Scheduling, dispatching, expediting
Employee operations examiner	III	Interviewing, information giving
Reconsignment clerk	III	Facilities, services, movement allocating